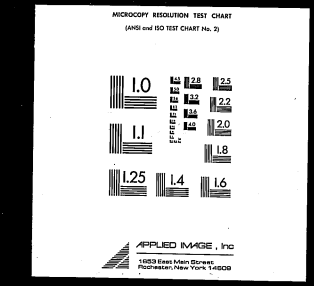

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Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART III
(1887–1898)

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1993

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Letterbook, LB-048

This letterbook covers the period February-April 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and the Edison Phonograph Works by the Edison Phonograph Toy Manufacturing Co. Other letters relate to foreign patents, improvements in the incandescent lamp, mining and ore milling, and electric traction systems. There are also letters dealing with Edison's personal finances, including his investment in the local illuminating company at Sunbury, Pennsylvania; his financial relations with Jesse Lippincott and Harry M. Livor; and his transfer of ownership of the Edison home at Glenmont to his wife, Mina. There are several letters pertaining to billing arrangements for experiments conducted at the West Orange laboratory for the Edison General Electric Co. There is also correspondence regarding alterations and improvements in the laboratory. The front cover is marked "General Letter Book." The book contains 497 numbered pages and an index. Approximately 30 percent of the book has been filmed.

February 27, 1891.

I. D. Condit, Jr., Esq.,

Milburn, N. J.

Dear Sir:-

On my return to the Laboratory a few days ago after an absence of several weeks your letter of 9th instant was handed to me, and I have read the same with interest.

You refer to the Coast sands of California and Oregon. The trouble with these is that they carry about $1.50 per ton, and only forty per cent of the black sand is magnetic, the other 60 having weathered to a sort of nonmagnetic hematite, and this interferes with the washing process. The iron ore is too far from civilization to be of value.

Yours very truly,

Thos. Edison

February 27, 1891.

Dr. George Bayles,

O r a n g e , N. J.

Dear Sir:-

On my return to the Laboratory a few days ago after an absence of several weeks I find your letter of 16th instant on the subject of an endowment fund for the Orange Memorial Hospital. I regret very much that it is impracticable for me to subscribe to this fund. I already have a very heavy drain on my resources. Moreover, I need every cent I can spare in my experimental work for experimenting in directions which are hopeless of pecuniary returns. My Laboratory expenses are now so high I cannot afford to add to them. I think the rich merchants and business men are the ones who should subscribe to the Hospital fund.

Yours truly,

Thos. A. Edison

February 27, 1891.

Thomas Butler, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telegrams exchanged between yourself and Mr. Edison to-day:-

"Impossible to get seats you desire; best to be had sixteenth row. BUTLER."

"Do not get tickets. T. A. Edison."

Yours truly,

Private Secretary.

February 27, 1891.

Rapid Transit Co.,

Newark, N. J.

Dear Sirs:-

Your telegram of yesterday in regard to Mr. Edison's testimony was not answered until this morning owing to my absence from the Laboratory. I beg to confirm my telegram in reply, which was as follows:

"Mr. Edison called unexpectedly to New York this morning. He will not be here this afternoon.
A. O. Tate."

Your second telegram, asking if it will be convenient for Mr. Edison to testify on Monday afternoon, has just been handed to me. I am unable to reply to it owing to Mr. Edison's absence, but will do so immediately he returns from New York, either this afternoon or early to-morrow (Saturday).

Yours very truly,

Private Secretary.

February 27, 1891.

Rev. Stephen A. Northrop,

Fort Wayne, Indiana.

Dear Sir:-

Upon Mr. Edison's return to the Laboratory a few days ago after an absence of several weeks your letter of 14th instant was handed to him. I return herewith the blank which accompanied your communication and upon which Mr. Edison has written his personal opinion of "Christ and the Bible."

In regard to the statement attributed to Mr. Edison and contained in the clipping forming part of your letter now under reply, the same is correct, excepting that the last words should read: "including the great Engineer of the universe," instead of: "and also for the greatest among them all the blessed God."

Yours very truly,

Private Secretary.

February 26, 1891.

Rev. H. S. DeForest, D. D., President,
Talladega College,
Talladega, Alabama.

Dear Sir:-

Upon Mr. Edison's return to the Laboratory a few days ago after an absence of several weeks your letter of 12th instant was handed to him, and in answer to the question contained therein: "Which is the better education for one intending to be a machinist- a Classical education at Yale College or a Scientific one at the Sheffield Scientific School at Yale?-" the same having particular reference to your son, who you say has a taste for machinery and inventions, Mr. Edison would advise sending the young men to the Sheffield Scientific School. A Classical education would be excellent were you going to make a lawyer of your son, but the instruction which he will doubtless receive at the Sheffield Scientific School will better fit him for a mechanical occupation.

Yours very truly,

Private Secretary.

February 27, 1891.

Felix Gottschalk, Esq., President,

Automatic Phonograph Exhibition Co.,

#13 Park Row, New York City.

Dear Sir:-

Referring to your recent letter in regard to the seventh member for the Board in the Exhibition Company, I beg to say that Mr. J. B. Skehan, of Spencer Trask & Co., would be acceptable to me and has indicated his willingness to serve if he be elected.

Yours very truly,

Thomas A. Edison

Jr.

February 28, 1891.

Messrs. Eaton & Lewis,

#120 B r o a d w a y ,

New York City.

Dear Sirs:-

Your letter of 25th instant, enclosing answer of the Edison Phonograph Company in the matter of State Taxation, has been duly received. I note that you desire the answer to be signed by Mr. Edison as President of the Company. The President of the Edison Phonograph Co. is Mr. Samuel Insull. Should the paper not be signed by him?

Yours truly,

Private Secretary.

I return the paper
for Co. [illegible]
to Frank Klapp
at the office [illegible]
[illegible]

February 28, 1891.

W. J. Jenks, Esq.,

Edison Electric Light Company,

Room 71, #44 Wall St., New York City.

Dear Sir:-

I return herewith list of Canadian patents granted to Mr. Edison for inventions relating to electric lighting etc., according to the record of the Ottawa Patent Office, the same having accompanied your letter to me dated 24th instant.

I have examined all of Mr. Edison's patents which are in the Laboratory safe, and find that there are no Canadian patents for inventions in electric lighting or power work included among them. To be exact, there is only one Canadian patent, and that is on the subject of telephones.

Yours truly,

Private Secretary.

February 28, 1891.

My dear Insull,-

The accounts of the Edison Phonograph Works against the North American Phonograph Company are all in shape for you to pass on. It will take about half an hour to arrange the whole matter, after which the accounts can be very rapidly completed and handed in. There is no use in Ware going ahead and making regular bills without your approval of the items. Mr. Bush, the N. A. P. Co's attorney, is making a formal demand every day upon Eaton for these accounts, claiming that the affairs of the N. A. P. Co. are being injured on account of our delay, so that the first day next week you are able to spare a few moments' time the matter could be settled.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
Edison Bdg., Broad St.,
New York City.

February 23, 1891.

Edward C. Cockey, Esq., Sup't. Supplies,

Western Union Tel. Co., New York City.

Dear Sir:-

Your letter of 26th instant is received. I am very sorry to learn that the quadruplex instruments were found on inspection to be defective, and I regret very much that you have been put to the trouble of repairing them. These instruments should not have left the Laboratory if they were not in good condition. I shall be glad to receive from you a bill covering the repairs.

Yours very truly,

Thos. A. Edison

March 2, 1891.

Mr. James Neafil,
Superintendent of Track,
D. L. & W. R. R. Co., Hoboken, N. J.

Dear Sir:-

We desire to borrow for two or three days a rail bender, for use in establishing a curve on a line of track which we are running in the Laboratory grounds for experimental railway purposes. We also wish to borrow for the same period a pinch bar for drawing spikes. Would you have the kindness to lend us these? If so, be good enough to send them to your Agent at Orange, from whom we will obtain them upon arrival.

Yours very truly,

March 2, 1891.

Miss V. H. McRae, Manager,

The Phonogram,

New York City.

Dear Madame,-

The five copies of the February number of the PHONOGRAM were duly received at the Laboratory, in good condition. The second number is a great improvement on the first, and if the standard of excellence which characterizes it is maintained in your future issues - and I have no doubt it will be - your magazine cannot fail to be a brilliant success.

Yours very truly,

Private Secretary.

March 2, 1891.

New Jersey & Penn'a. Concentrating Works,

W. S. Perry, Esq., Treasurer,

New York City.

Dear Sir:-

I enclose herewith check for $1,800.00, which together with the bill for $1,500.00 which I have rendered to your Company covering transfer of the Morris Pond tract, will meet my assessment due to-day of $3,300.00. Please acknowledge receipt, and oblige

Yours truly,

March 2, 1891.

J. S. Collins, Esq.,
#130 Bay Street,
Savannah, Ga.

Dear Sir:-

I beg to acknowledge with many thanks the receipt of your esteemed favor of 23rd ultimo, informing me that the Electric Railroad of Savannah awarded the contract for the equipment of their Road to Mr. Slattery, the Agent of the Edison General Electric Company. I am much gratified to learn that the Directors of the Railroad adopted the Edison system, and I appreciate very highly the effort which you were kind enough to make in favor of the Edison General Company. Rest assured that neither yourself nor the Directors will regret your decision in this matter and the future will show that you have made no mistake in entrusting to the Edison Gen'l. Company the equipment of your road.

Thanking you for the expressions of confidence concerning myself contained in your letter

I beg to remain,

yours very truly,

Thos. A. Edison

March 2, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Re Mary S. Chandler Mortgage for $1,000, and in reply to your letter of 27th ultimo, I wish you would obtain from your correspondent in Newark the following information, which will enable me to decide what I shall do:

(1) State a fair valuation of the property which is subject to my mortgage.

(2) Has it ever been rented? If so, at how much per annum?

(3) How much do houses of about the same character in the same neighborhood rent for per annum?

Yours very truly,

March 2, 1891.

Francis R. Upton, Esq.,

Edison General Electric Co.,

Harrison, N. J.

My dear Upton,-

I enclose herewith some correspondence from P. B. Shaw with relation to the Sunbury Station. I believe that you are more familiar than any one else with the operations which have been carried on in connection with this plant and can therefore advise me as to the desirability of accepting Mr. Shaw's proposition. Mr. Edison originally took 41 shares of stock of this Company for a debt of $4,100; he then consented to a 50% reduction of his holding, and now has 20 1/2 shares.

Yours very truly,

Private Secretary.

March 2, 1891.

Mr. Winslow Allderdice,

Warren, Ohio.

Dear Sir:-

Mr. Edison has received your letter of 24th ultimo in regard to arc lamp carbons, and would be glad if you will send him half a dozen of these so that he may make a test of the same, after which he will communicate with you further.

Yours very truly,

Private Secretary.

Gentl. Agree to Orange
[illegible]
[illegible] forward

March 3, 1891.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

A young Frenchman named Pierre Richemond, son of the Engineer from whom Mr. Edison obtained the patterns for the triple expansion engine, will probably call upon you this week to obtain your permission to enter the Works at Schenectady and remain there for a couple of weeks, prior to his sailing for France to resume his duties in connection with the Compagnie Continentale Edison. He has repeatedly requested Mr. Edison to give him authority to go to Schenectady and has been referred to you. Mr. Edison says that he is doing too much motor work at Schenectady to render it safe to grant this young man's request and wants you to politely warn him off. His father was very courteous to Mr. Edison when the latter was in Paris, and we therefore want to let the boy down easy.

Yours very truly,

Private Secretary.

March 3, 1891.

My dear Young,-

I was glad to get your letter of 18th instant, and Mr. Edison asks me to thank you for your communication addressed to him. He says he would be very glad to let you have the phonograph parts that you want if it were in his power to give them. The Edison United Phonograph Co. control everything and will not even permit Mr. Edison to donate phonographs. Therefore we will have to disappoint you. Col. Gouraud is in New York, and I suppose before very long the E. U. P. Co. will commence active operations abroad. I saw Dick a few days ago and he told me his Mimeograph business was developing wonderfully over here. He is paying 10% dividends and putting aside a good fat surplus in addition. Insull has been away for the last month, visiting the various headquarters of the Edison Gen'l. Electric Co. He returned a day or so ago, and when I see him I will give him your message. With kind regards

I am, yours very truly,

Private Secretary.

March 3, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

Referring to the waivers of Toy Phonograph royalty which were executed by Mr. Edison, I find that there were only two of these covering the first two quarters of the first year, that is to say, the quarter ending January 1, 1890, and April 1, 1890. Under the contract royalties were payable within thirty days after these dates. The third quarter would therefore end July 1st and royalties would be payable July 30th , and the 4th quarter would end October 1st and royalties become payable Oct. 30th. The record shows that the royalty which we verbally agreed to waive was for the third quarter, that is to say, for the quarter ending July 1st, payable July 30th. In proof of this I hand you (1) copy of letter from Daniel Weld, Sec'y. Edison Phonograph Toy Mfg. Co. to Sam'l. Insull, dated August 29th, in which Mr. Weld refers to a meeting of his Directors held on August 7th, at which Mr. Insull was present and during which Mr. Insull offered to attend to the matter of waivers of royalty; (2) letter of Sept. 3rd from Mr. Insull to Mr. Weld, in which he (Insull) states that he and I had an interview with Mr. Lippincott and that I was to

S. B. Eaton, Esq. -2- March 3, 1891.

obtain the papers; (3) letter of Sept. 3rd from Mr. Insull to myself confirming his understanding. It would appear from this that the fourth quarter, that is to say, the quarter ending Oct. 1st, was not touched upon, and that therefore the notification terminating the foreign license is justified.

Mr. Edison would like to commence the manufacture of toy phonograph mechanisms for sale in foreign countries. In the event of his starting this business would it be attended with any great risk? that is to say, if the Toy Phonograph Company should be able to prove eventually the validity of their foreign license, would Mr. Edison be liable only for an accounting of profits, or could they claim damages in addition thereto? Mr. Edison would also like to commence the sale of toy phonograph mechanisms in the United States and Canada. This brings into question the relations between Mr. Edison and the N. A. P. Co. and is more complicated than the foreign matter. If the latter question will take any considerable time to decide, will you be kind enough to give the former preference in replying.

Yours very truly,

Private Secretary.

March 3, 1891.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Referring to the attached, Mr. Edison has requested me to write a letter to Rau, denying the statement of Mr. Ullmann's advocate that Mr. Edison had given to Mr. Rathenau, Manager of the German Company, a list of the lamps alleged to have been imported into France from America by the Cie. Continentale Edison since 1882. I have thought that you would like to read the letter before any reply is sent, or perhaps might prefer to dictate the answer yourself, as I believe you were in communication with Mr. Rathenau when he was here.

Yours very truly,

Private Secretary.

March 3, 1891.

Miss V. H. McRae, Manager,

The Phonogram,

New York City.

Dear Madame,-

Referring to Mr. Edison's subscription for five shares of the Capital Stock of your Magazine, "THE PHONOGRAM," and also to your letter of 23rd ultimo, I take pleasure in enclosing herewith Mr. Edison's check for $250, covering half the amount of his subscription, the same being in accordance with your letter of 31st December last. Please acknowledge receipt of check, and send forward the five shares of stock.

Yours truly,

Private Secretary.

March 3, 1891.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Here is a letter from Mr. Winslow Allderdice, in regard to arc light carbons, which Mr. Edison says may be just the thing we want. He has written Mr. Allderdice for a few samples which will be tested upon arrival. Please return the accompanying letter after perusal.

Yours truly,

Private Secretary.

March 3, 1891.

Mr. Pierre Richemond,

Hotel Victoria, New York.

Dear Sir:-

Referring to our conversation the day before yesterday I beg to advise you that Mr. Edison, not being an officer of the Edison General Electric Co., does not possess the requisite authority to grant you permission to spend a few weeks at the Company's Works in Schenectady. Mr. Samuel Insull, 2nd Vice-President of the Edison Gen'l. Electric Co., Edison Building, Broad St., New York, is the gentleman whose consent it will be necessary for you to obtain. You can see Mr. Insull at his office any morning during the present week, and this letter will serve as an introduction.

Yours truly,

Private Secretary.

March 3, 1891.

MEMORANDUM FOR MR. RANDOLPH,-

Experiments for the Edison General Electric Company will be billed in the following manner:

L a b o r.

M a t e r i a l.

G e n e r a l E x p e n s e (This includes ordinary General Expense, appliances in use, taxes, insurance and small tools.

D E P R E C I A T I O N.

Buildings & Fixtures $119,694.86, at 5% per annum.

Fine Instruments $18,081.34, at 10% per annum.

Machinery & Tools $46,903.36, at 10% per annum.

General Expense and Depreciation will be distributed as usual upon all experiments on the basis of labor. The total expense as above will comprise the cost of experiments for the Edison Gen'l. Electric Company, and all other experiments excepting those deducted for Mr. Edison personally, we will add 30% to the aggregate cost as above, to cover Interest ~~and~~ on Investment. I want a memorandum each month, of any addition to the accounts upon which we charge depreciation, so that I can notify the Edison Gen'l. Elec. Co.

Arnot

March 4, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I am very much surprised to learn from your letter of 3rd instant that you have sent the Austrian patent on the Toy Phonograph to the Toy Phonograph Company. This Company is simply licensed under Mr. Edison's patents, and though they have paid the expense of taking out certain foreign patents, they have absolutely no right to the patents themselves, these belonging to Mr. Edison, and they should have been sent to Mr. Edison when you received them from abroad. We are now in litigation with the Toy Company, and the chances are that if they know Mr. Edison wants these original patents they will refuse to give them up until compelled to do so. Therefore if you are unable to get them back upon some other pretext, it will be necessary for you to obtain from abroad copies of the patents that are now in the hands of the Toy Company, certified in such a manner as will render the copies as serviceable to us as the originals. What patents did you send to the Toy Company?

Yours truly,

Private Secretary.

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March 4, 1891.

W. S. Perry, Esq., Treasurer,

N. J. & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 3rd instant, enclosing Certificate for 33 shares of the Capital Stock of your Company, the same being in exchange for my check of $1,800.00 sent to you 2nd instant, and in payment of my bill for $1,500.00 for property known as the Morris Pond Tract transferred to your Company, deed of which is in your possession. I return herewith voucher which I have receipted, the same having accompanied the letter of your Vice-President dated 2nd instant.

Yours truly,

March 4, 1891.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

My dear Insull,-

I have your letter of 2nd instant in regard to the subscription which has been started by some of the employees of the General Company for Mrs. Conant. You may put me down for two hundred dollars.

Yours very truly,

March 4, 1891.

Major S. E. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 28th ultimo, and the Certificate referred to therein for 6100 shares of stock of the North American Phonograph Company, the same reverting to Mr. Edison owing to the forfeiture of a certain agreement between Mr. Edison and Jesse H. Lippincott dated July 30th, 1889, and also by a further agreement dated April 1, 1890.

Yours truly,

Private Secretary.

March 4, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Co.,

Harrison, N. J.

Dear Sir:-

We find that carbons marked Jan'y. 29 - and put on test by us - and your corresponding order No. 2251 - are very good. Ascertain from Force and Rickman what difference there is in the carbons. I also want you to send descriptions of orders previously sent, so I can compare. We get your orders, but don't know how they are done; therefore cannot compare.

Yours truly,

Edison

March 4, 1891.

Sidney B. Payne, Esq., Gen'l. Manager,

Edison Gen'l. Electric Co., New England District,

#38 Pearl St., Boston, Mass.

Dear Sir:-

Will you very kindly send me a reply to my letter to you dated 12th February last, and also return the letter of Miss Annie K. Doak which accompanied the same.

Yours very truly,

Private Secretary.

March 4, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison Gen'l. Electric Co.,

Edison Building, Broad St., New York City.

Dear Sir:-

The Lamp factory is "off" again, the lamps which they are turning out being very poor, and I am now hunting the bug. I cannot and shall not undertake to put things to rights and carry on experiments for raising the economy from 15 to 20 if present methods are to continue. Too many cooks spoil the broth.

I now ask that the Company permit me to put my own Inspector in the factory, who shall report to me direct. He will give no orders, nor will he interfere in any way whatever with the management, his duty being simply to report to me if the scientific methods are being carried out according to my instructions.

Please let me know at once if this is permissible.

Yours very truly,

Thos A Edison

March 4, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Elec. Co.,

Edison Building, Broad St., New York City.

Dear Sir:-

It is absolutely necessary that I should have the entire services for several months of Mr. Phelps, the chief draughtsman in Mr. Henderson's department. Please arrange this matter with Mr. Henderson if there is no serious objection.

Yours very truly,

Thos. A. Edison

March 4, 1891.

F. N. Barrett, Esq.,

American Grocer,

New York City.

Dear Sir:-

The statements concerning Mr. Edison contained in the clipping which accompanied your letter of 27th ultimo are untrue. Mr. Edison is not a vegetarian. He, however, experiments now and then with his diet. Should he feel ill for some time he entirely changes his diet, so as to produce a change of the chemical reactions of digestion. This always alters the environment, so that he quickly feels all right again.

Yours truly,

A. Tate

Private Secretary.

Ch.

March 5, 1891.

Edison United Phonograph Co.,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 3rd instant, informing me that at the annual meeting of the stockholders of your Company held at Orange, N. J., on Monday, March 2nd, 1891, I was elected a Director to serve for the ensuing year. This is to signify my acceptance of the said office.

Yours truly,

Thos. A. Edison

March 5, 1891.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Referring to the attached correspondence, I do not find therein any acknowledgement of Mr. Edison's payment of $3,500 for account of the Automatic Phonograph Exhibition Company beyond a paper which purports to be a copy of a letter from Mr. Lippincott to his attorney, Mr. Bush. The original of this letter it appears from the copy was not signed by Mr. Lippincott himself, but "per W." Even this letter does not make proper reference to the check of $3,500 which Mr. Edison drew on August 14th to Mr. Lippincott's order, but states that Mr. Lippincott paid $7,500 to the A. P. E. Co., with the request that one half of the same ($3,750) should be credited to Mr. Edison. Now Mr. Edison did not authorize Mr. Lippincott to make any payments to the A. P. E. Co. for his account, and neither did he agree with the A. P. E. Co. to make them any advances whatever, beyond the sum of $3,500, which at the time it was paid Mr. Edison understood was, with payments from the other stockholders, all the money that the Company would have to borrow. Mr. Edison informed the officers of the A. P. E. Co. and also informed Mr. Lippincott that he would neither make nor be responsible

for any further advances. He therefore refuses absolutely to acknowledge himself indebted either to Mr. Lippincott or to the A. P. E. Co. for any sum of money whatsoever in this connection, and he desires to obtain an acknowledgement of the $3,500 payment made by him on August 14th last. This check was drawn to the order of Mr. Lippincott. It appears that Mr. Lippincott requested the A. P. E. Co. to credit payments direct, instead of which the A. P. E. Co. have credited Messrs. Robinson and Blodgett, Trustees. Query were Messrs. Robinson and Blodgett appointed Trustees by Mr. Lippincott or by the A. P. E. Co., and what are the conditions of their trust? What kind of an acknowledgement has Mr. Lippincott obtained for the moneys which he has loaned the A. P. E. Co.? It would seem that the agreement of trust should cover conditions relative to the repayment of this money, and if it does, a certified copy of the same, together with a direct acknowledgement from the trustees of Mr. Edison's payment, will be satisfactory. Otherwise we are entitled to and must obtain an acknowledgement of the debt direct from the A. P. E. Co. The intervention of Mr. Lippincott was purely incidental, he being merely a medium between Mr. Edison and the trustees or the A. P. E. Co.

Yours very truly,

Private Secretary.

March 5, 1891.

P. B. Shaw, Esq.,

W i l l i a m s p o r t , Pa.

My dear Sir:-

Referring to your letters regarding the Sunbury plant, I beg to say that Mr. Edison cannot afford to pay another assessment on the stock of that Company. The shares which he originally held (41) were taken by him in part payment for the construction of the Sunbury plant and represent an expenditure of $4,100. In order to assist the Sunbury Company Mr. Edison consented later on to a 50% reduction of his holding, so that he has now 20 1/2 shares. If the life of these shares is dependent upon Mr. Edison investing some twelve hundred dollars more in the Sunbury plant, he will be obliged to allow them to expire. I understood from your first letter on the subject that Mr. Edison was to receive stock in the new Company without being taxed for the same, and it certainly seems to me that such an arrangement and no other would be fair. If the new stock be placed outside 20 1/2 shares are quite a large premium and perhaps an unnecessary one on eleven, for a Company anticipating 10% dividends. The money which Mr. Edison invested for the Sunbury Company is no less a debt by reason

of the recent proceedings in Court.

Yours very truly,

Private Secretary.

March 5, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I send you herewith 15th proof of agreement between Thomas A. Edison and the Edison General Electric Co., and beg to call your attention to page 7 of the same.

The first change which should be made relates to work performed outside the Laboratory. This provision did not appear in the proof from which I made my memorandum now in your hands, but has been inserted since. It states that the cost of work conducted at the Company's shops shall be considered as a part of the $62,000 per year payable to Mr. Edison. This is manifestly unjust. The contract gives Mr. Edison the right to organize his force in the Laboratory for the expenditure of $62,000 a year. Now assume for the moment that we are so organized, and that Mr. Edison finds regarding a certain experiment that it can be conducted more expeditiously and at less cost in Schenectady; the actual cost of the experiment is not known until it is finished, but let us assume that when the work is done it has amounted to $5,000. Now the General Company proposes to take that amount from Mr. Edison's

allowance. Is Mr. Edison to reduce his force to the extent of five thousand dollars after he finds out what the expense has been for this foreign experiment, or how is he to protect himself? If he does not reduce his force the effect will be that he will have to pay out of his own pocket the cost of experiments conducted at the shops. It is most dangerous and most undesirable that the Laboratory should be hitched up in this agreement with any other concern. The General Company can protect itself by providing that no experiments shall be conducted at its shops without special authorization, and when Mr. Edison wishes to take or send work to Schenectady he can obtain the requisite authority. I have altered that portion of the agreement so that it requires the General Co. to pay the cost of experiments conducted at the shops, and you can rearrange the language with respect to special authorization for those experiments if you consider it more desirable in the interest of the General Company.

The next change made is in lines 14 and 15. I have crossed out the following words: "and the work to be done by the said Edison on his own account also as aforesaid," and inserted "together with experiments to be made for the North American Company as provided for in the fifth section hereof."

The third change is in line 16. Strike out the words "The force and resources," and substitute "three-fourths of the experimental labor capacity of the said Laboratory."

These two last changes are very important, for the reason that they will show the intention to divide the Laboratory upon the basis of Labor. I do not think it worth while making any other changes in the agreement. There is nothing whatever in this which will require any fresh negotiation. That is something that we desire to avoid, and as the contract is now it can be interpreted in accordance with Mr. Edison's understanding. I do not apprehend that it is your wish to insert in the body of the contract the schedule showing how cost shall be made up. If a paper something like the following be attached to the contracts and signed by both parties when the agreements are reexecuted it will I should think answer all practicable purposes:

Memorandum attached to contract October 1st, 1890, between T. A. Edison and the Edison General Electric Company.

It is agreed by the parties to the above contract that the cost of experimentation for the Edison General Electric Company at the Edison Laboratory shall comprise the following:

Cost of Labor.
Cost of Material.
General Expense (including ordinary recognised expense, taxes, insurance, appliances and small tools).

DEPRECIATION
5% on Investment Account $115,044.86, Buildings & Fixtures
10% on Investment a/c $64,984.70, Machinery & Instruments.

Labor shall consist of the wages paid the workmen employed upon experiments for the said Company. Material shall consist of the cost of material used for these same experiments. General Expense and Depreciation shall be distributed over all the work conducted

in the Laboratory upon the basis of direct or productive labor, as is the practice now.

It is further agreed between the parties to the above mentione agreement that so far as the charge for depreciation is concerned the Investment Accounts stated above shall not be increased without the consent of the said Edison General Electric Company.

Yours very truly,

March 5, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I enclose herewith letter under date March 3rd from Mr. George B. Prescott, transmitting check for Mr. Edison's share of the English Quadruplex royalty. You will notice that Mr. Prescott refers to it as the "final payment," and for that reason I send you the papers in connection with the same for your examination, the same being as follows:

Agreement between T. A. Edison, Geo. B. Prescott and Gerritt Smith, with relation to Patents of Gt. Britain No. 384 of 1875 and No. 197 of 1877, dated May 31, 1877.

Additional agreement between the same parties, dated 12th January, 1878, by which the interests of the various parties are vested in a Trustee.

Please return all the papers with your reply, and oblige

Yours truly,

Private Secretary.

March 5, 1891.

George B. Prescott, Esq.,
#20 F i f t h A v e ,
New York City.

Dear Sir:-

I beg to acknowledge with many thanks the receipt of your letter of 3rd instant, enclosing check for $873.04, covering my share of the English Quadruplex royalty.

Yours truly,

March 5, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

You will have to institute a search for the deed of Glenmont, Mr. Edison's residence. It has never been in our possession. The only papers which we have had in connection with this property were those that you sent us at the time the mortgage was cancelled. We have all these, but the deed is not among them. Mrs. Edison tells me that it is not with her papers at the house. It may be in the Safe Deposit Vaults in New York. I have asked Mr. Insull if he knows anything about it.

Yours very truly,

Private Secretary.

March 5, 1891.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Do you know where the deed of GLENMONT - Mr. Edison's residence - is? It has never been in our possession, and Mrs. Edison tells me that it is not among her papers at the house. I have thought that it might possibly be in the Safe Deposit Vaults in New York. Do you know anything about the document?

Yours truly,

Private Secretary.

March 6, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Lavor is indebted to me in the sum of five thousand dollars. As I have no acknowledgement of this indebtedness, I shall be glad if you will procure it for me in case it should not be convenient for him to repay it now. In this latter case I would like you to get for me some tangible collateral.

Yours very truly,

Thos A Edison

March 6, 1891.

Mr. J. H. Block,

M o s c o w , Russia.

My dear Sir:-

On my return to the Laboratory a few days ago after an absence of several weeks I find your letter under date 7th of January, and I have read the same with much interest.

In compliance with your request I enclose herewith a rough sketch of a funnel similar to those with which we record music in the Laboratory. These are made of tin and the results obtained are excellent.

Your letter dated 13th February, enclosing communication from Mr. T. Glushanowski, has also reached me. I regret very much my inability to gratify Mr. Glushanowski's desire and supply him with a phonograph, but as you know, the instrument in Europe is controlled by the Edison United Phonograph Company, and I am prohibited by contract from furnishing phonographs for use in territory which that Company controls. I have forwarded the letter to the office of the United Company in New York, and am advising Mr. Glushanowski of my action in the matter by this mail.

Yours very truly,

Thomas A. Edison

9/6/91.

The Harkness Gin Co.

Gentlemen:

The inspector for the Middle States Inspection Bureau speaks unfavorably of the roof over our engine room which has not been supplied with sprinklers. Will you kindly inform us why no sprinklers were placed there.

Yours Truly

Alex Lawrence

Room 11

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

March 7, 91.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:

"Do nothing in connection with Livor matter until you hear further from me. Thos. A. Edison."

Yours very truly,

Private Secretary

March 7,1891.

Mr. A. M. Cerf,
#926 Second Ave.,
New York City.

Dear Sir:-

Replying to your letter of 5th instant, I beg to inform you that Mr. Edison's time is entirely taken up with his own inventions, and it is impracticable for him to give any consideration to outside matters.

Yours truly,

Private Secretary.

March 7, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir;-

I have your letter of 5th instant re Thomson-Houston Regulator Patent on which Sperry Co. is sued. I note what you say about sending Mr. Brown out to the Laboratory. I think it better to wait, however, until I have seen the patents.

Yours very truly,

Thos A Edison

March 7, 1891.

Bonsack Cigarette Machine Company,

S a l e m , Virginia.

Dear Sirs:-

Will you very kindly send to me a catalogue of your machines, and also a price list of the same, with the lowest possible discounts indicated. By so doing you will very much oblige

Yours truly,

Thos A Edison

March 9, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 6th instant, which I submitted to Mr. Edison, the latter says that he will advise you later as to whether he desires to have a Canadian Patent taken out on the Toy Phonograph which was patented here March 11th, 1890. In the meantime he has asked me to say to you that his advice is to have nothing to say or to do with the Toy Phonograph Company.

Yours very truly,

Private Secretary.

March 10, 1891.
March 10, 1891.

George F. Kunz, Esq.,
#402 Garden Street,
Hoboken, N. J.

My dear Sir:-

It was only to-day that I had the pleasure of reading your letter of 20th of January last, in which you requested me to write to some Member of Congress, urging the appropriation of $50,000 for the Department of Mines and Mining. Of course it is too late to do this now, Congress having adjourned. Had your letter reached me in season, however, I would have very gladly acted upon your suggestion. The envelope containing your communication fell behind the table upon which the Laboratory mail is sorted each morning, and it was only unearthed and opened to-day. Regretting that your letter should have had so unfortunate an experience.

Yours truly,

I am, yours very truly,

LABORATORY.

Thomas A. Edison

March 10, 1891.

Sidney B. Paine, Esq., District Manager,

Edison General Electric Co., #38 Pearl St.,

Boston, Mass.

Dear Sir:-

I am very much obliged for your favor of 5th instant, returning Miss Doak's letter of the 11th ultimo. I note with pleasure that Miss Doak may be able to obtain employment in your office after the first of next month. Thanking you for your kindness in the matter

I am, yours very truly,

Private Secretary.

March 10, 1891.

Dear Miss Doak,-

I beg to enclose herewith a letter which I have received from the District Manager of the Edison Gen'l. Electric Co. in Boston. You will see by it that they may be able to make an opening for you there after the first of next month.

Yours very truly,

Private Secretary.

Miss Annie K. Doak,
c/o Edison Phonograph Toy Mfg. Co.,
#69 Bedford St., Room 24, Boston, Mass.

March 10, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Referring again to your letter of 6th instant, in regard to taking out a Canadian patent on the toy phonograph which was patented here on the 11th of March, 1890, I beg to confirm the telephone message which was sent to you from this office to-day, to the effect that Mr. Edison desires the patent in question taken out in the account of the old Edison Phonograph Company.

Yours truly,

Private Secretary.

March 11, 1891.

Mr. Edison,-

Referring to the attached from Major Eaton in regard to the Chandler property, Mr. Douglas does not want to go into this. Do you wish any reply made to Major Eaton's letter?

J. Randolph

March 11, 91.

Mr. Edison,-

Now that you are at home it has occurred to me that it would be a good time to institute a search in your house for those Telephone Assignments that can't be found.

MAGUIRE.

March 11, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I return herewith my letter to you of 5th instant which was attached to your memo. of 6th instant in regard to the deed of Mr. Edison's house. I have looked over the papers in our safe which were received from you at the time the Arnold and Constable mortgage was paid, and none of them contains the description that you want. The A. & C. mortgage itself is not in our safe; the cancellation of it is. Mr. Edison suggests that perhaps you could get a description of the property from the records in the County Clerk's office. He also says that the deed may be in this box of the Hope Safe Vault.

Yours truly,

Private Secretary.

March 11, 1891.

Major S. B. Eaton,

#126 B r o a d w a y ,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 10th instant, re proposed manufacturing of toy phonograph mechanisms, and he has made the following note upon the same, referring, I assume, to paragraph No. 3 of your letter:

"Remember that the license is from the old Edison Phonograph Company and that Lippincott only has a stock interest, Edison."

Yours truly,

Private Secretary.

March 11, 1891.

Francis R. Upton, Esq., General Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Company,

H a r r i s o n , N. J.

Dear Sir:-

Mr. Edison has read your letter of 10th instant, in regard to providing ventilation in the Lamp Test Room at the Laboratory. He has no objection to your putting a ventilator on the roof over the Test Room, and you can proceed with its erection any time.

Yours very truly,

Private Secretary.

March 9, 1891.

Gilbert & Barker Manufacturing Co.,

#90 John Street,

New York City.

Dear Sirs:-

We have had one of your 40 barrel Gasolene Machines in use at the Laboratory for several years; it works perfectly and is one of the most useful appliances we have.

Yours truly,

Thomas A. Edison

March 11, 1891.

Duke of Marlborough,

Blenheim, Woodstock,

England.

Dear Sir:-

Upon Mr. Edison's return to the Laboratory a few days ago after an absence of several weeks, your letter dated the 19th of January and your phonogram of same date were brought to his attention.

In regard to the suitability of the phonograph for business purposes, we are using it in the office here for all our correspondence and find no difficulty in getting seven or eight ordinary business letters on one cylinder. By reducing the speed of the phonograph to about 80 or 90 revolutions per minute, it is possible to get much more on a phonogram than when the machine is running at a higher speed, and the quality of the reproduction is in no way impaired by the reduced speed. The phonogram which will accompany the new style of instrument will have a capacity nearly double that of the phonogram in use at present; it will contain about 1500 words.

In regard to making corrections: Should it be desired to

omit from a letter something already recorded on a phonogram, we find that a good plan is to move back the spectacle arm to that part of the cylinder containing the words which we desire omitted, then to adjust the recording stylus and speaking tube and say into the phonograph, in a loud voice, "don't write this," or words of similar import, which expression will be recorded on the cylinder over the sounds already there and will be reproduced more distinctly than the latter. Should we desire to substitute something else for the passage omitted, we record it on another phonogram and direct the operator's attention to it. The best way, however, is to make the corrections at once, should they occur to you while dictating, and in that case it is well for the operator to run over each cylinder before commencing to transcribe, as by so doing he learns if there are any corrections or omissions to be made and is prepared for them.

As to the breakage of cylinders, we find that much of this is caused by users pushing them too tightly on the brass cylinder.

This letter is being dictated to a phonograph and it takes up about three-eighths of the cylinder, the instrument running at normal speed.

Yours very truly,

Private Secretary.

March 11th, 91.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Co.,

Harrison, N. J.

Dear Sir:-

Will you please send a man to the Laboratory to cement the floor of the Pump Room in the same manner as those at the Lamp Factory. Please send the man as soon as possible.

Yours truly,

Thomas A. Edison

March 11th, 1891.

The Bonsack Machine Co.,

D. B. Strouse, Esq., President,

S a l e m , Virginia.

Dear Sir:-

Your letter of 9th instant is at hand.

The cigarette machines are for use in Italy. The Italian Minister of Finance is a friend of mine, and he has requested me to obtain for him information as to price etc. of your machines, which he is desirous of introducing into his country, providing he can obtain them on reasonable terms. He has received a price which he considers too high.

Yours very truly,

Thomas A. Edison

Ma

March 18, 1881.

Major S. B. Kadell,

~~Hub~~ Broadway,

New York City.

~~Dear Sir:-~~

Replying to your letter of 11th instant ~~addressed to~~ Mr. Edison, as I informed you in my letter of yesterday, the ~~single~~ & Denatable mortgage is not in our safe at the Laboratory. ~~But~~ none of the papers there contain a description of Mr. Edison's ~~inventions~~.

Yours truly,

Private Secretary.

M.

2

Niles.

(4) Report of Bi Centennial Celebration of Board of Proprietors, showing map of divisions of New Jersey and giving some historical matter.

I will prepare and send you later maps of the whole Logan tract, of part we have purchased and parts purchased by others, also parts claimed by Moller & King under West Jersey title. Please acknowledge inclosure and oblige

Yours very truly
C. J. Reed

Mar 13 '91

Major S. B. Eaton
New York.

My Dear Sir:—

I was unable to see Dr. Goodridge again after leaving you, but left a note for him. He has not yet replied.

I send herewith some papers that may tell you what you want, viz:

(1) Opinion of Mr. Hayes which he gave me last November.

(2) Abstract of title of Moller & King running back to location under West Jersey rights.

(3) Certified copy of return of survey of part of Logan tract to

Orange N.J.
March 13 1891

T. S. Parvin Esq.
Cedar Rapids. Iowa

Dear Sir — Upon my return to the laboratory a few days ago after an absence of several weeks, I found your letter of 19th ultimo requesting me to send you an autograph letter for the collection of the Iowa Masonic Library and I take much pleasure in complying with your request.

Yours truly

Thomas A. Edison

March 13, 1891.

H. H. Windsor, Esq.,

"Street Railway Review,"

Chicago, Ills.

Dear Sir:-

Replying to your letter of 5th instant addressed to Mr. Edison, requesting a description of his new patent on Electric R'y. Motors, I beg to advise you that Mr. Edison has made over twenty different kinds of motors and has not yet decided which to adopt. When ready he will be very pleased to furnish you with a cut, together with a description.

Yours truly,

Private Secretary.

March 13, 1891.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Mr. Edison has read your communication of 12th instant.

Yours very truly,

A. Tate

Private Secretary.

M.

March 13, 91.

H. M. Livor, Esq.,
No. 19 Dey Street,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 11th instant. He says for you to let him know when you are ready at Ogden and he will go right up there.

Yours very truly,

A. Tate

Private Secretary.

M.

March 13, 1891.

Jesse Seligman, Esq.,

New York City,

My dear Sir:-

I beg to acknowledge the receipt of your letter of 11th instant. I have been sick for the last few days, and am not able at the moment to name a day when I can call upon you in New York. I will do as you request, however, as soon as possible, and will advise you in advance.

Yours very truly,

Thomas A. Edison
M.

March 14, 1891.

Col. A. T. Britton,

Treasurer of Patent Celebration Fund,

#1419 G Street, Washington, D. C.

Dear Sir:-

I enclose herewith check to your order for twenty-five dollars ($25), my subscription to the fund for the Celebration of the Beginning of the Second Century of the American Patent System, to be held in Washington on the 8th, 9th and 10th of next month. Please notify the Secretary to send me five copies of each of the Memorial Volumes, and acknowledge receipt of check, much obliging

Yours very truly,

Thomas A. Edison

March 14, 1891.

Major S. S. Eaton,
#130 Broadway,
New York City.

Dear Sir:-

I enclose herewith copy of a letter, dated March 12, 1891, which I received this morning from the American Graphophone Company.

Yours very truly,

Thomas A. Edison
Jr.

B.

C O P Y.

AMERICAN GRAPHOPHONE COMPANY,

Washington, D. C. March 12th, 1891.

Mr. Thomas A. Edison,

Orange, New Jersey.

Dear Sir:-

We are recently informed that you hold all or some of the stock of the Edison Phonograph Company (which was sold by you to Mr. Lippincott) as collateral security for a note of Mr. Lippincott's for the sum of $65,000, or $68,000.

We deem it proper to remind you in this formal way of a fact already known to you, viz;- that we hold an agreement made by Mr. Lippincott, about the date of your agreement with him, to sell and transfer to us at any time within 5 years all of the rights acquired by him from you, the Edison Phonograph Co. and the Edison Speaking Phonograph Co.

Respectfully &c.

(Signed) American Graphophone Co.
per H.M.P.

March 16, 1891.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 13th instant, re Assignment of Edison English Electric Light patents to the Edison and Swan United Electric Light Co., Limited, and in reply he has instructed me to say that we had better wait until Mr. Insull gets well before taking any action in this matter; that the Edison & Swan Co. has for years failed to carry out its agreement with him; and that the cost of obtaining the patents in question was several times greater than the money sent. Mr. Edison says further that, of course he wants to get everything that he is entitled to under the contract; that the Edison & Swan Co. now finds that some of the patents are valuable, and at this late day, after refusing to pay for the patents, they come in and want to secure them. Mr. Edison not only wants all the money which the patents cost him, but 100 per cent additional, besides the interest on the money. He does not know what settlement Mr. Insull made with the Company in regard to the Jumbo Dynamos.

I return herewith all the documents which accompanied your letter, and which are as follows:

Major B. B. Hatch. -2- March 14, 1891.

(1) Copy of letter of Major Page to Mr. Watson, dated May 10th, 1887.

(2) Copy Letter of Mr. Insull to Major Page, dated August 25th, 1890.

(3) Check of Edison & Swan United Electric Light Co., Limited, for £210-15-6, in favor of T. A. Edison, dated Oct. 7, 1890.

(4) Letter of Major Page to Mr. Insull, dated Feb. 13th, 1891.

(5) Proposed assignment of patents by Thomas A. Edison to Edison and Swan United Electric Light Co., Limited, enclosed in Major Page's letter of Feb. 12, 1891.

Yours truly,

Private Secretary.

March 16, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 14th instant, in which you report a long talk between yourself and Mr. Rush re E. P. Works Claim v. E. A. P. Co., and he has made the following note upon the same:

> "MAJOR: I simply wrote the memo to see how it would strike Lippincott: I did not sign it. Suppose I had written six different propositions to see which he would have accepted, according to this I would be bound by all. It's a nice state of affairs if a man is bound on an unsigned memorandum."

Yours very truly,

Private Secretary.

March 16, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison General Electric Company,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 14th instant, enclosing copy of a letter from the Engineer-in-Chief of the Edison Gen'l. Electric Company, with relation to Mr. Phelps. The arrangement which Mr. Henderson proposes is entirely satisfactory to Mr. Edison, and the latter has no objection to Mr. Phelps devoting one day in each week to Mr. Henderson's work.

Yours truly,

Private Secretary.

March 16, 1891.

G. Colombo, Esq.,

Minister of Finance,

Rome, Italy.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 20th ultimo, which reached me in due course of mail. In compliance with your request, I immediately communicated with the Borchek Machine Company, of Salem Virginia, asking them for their lowest possible quotations on cigaretto machines for use in Italy, and I am this morning in receipt of a letter from the President of the Company, Mr. D. B. Strouse, referring me to Messrs. Schilling and Bruning, of Bremen, Germany, who are the Company's European agents. These gentlemen, the President informs me, are making prices of machines to Italy very low and are empowered to deal with purchasers as in their judgment may seem best. Trusting that you may be able to make satisfactory terms with them

I am, yours very truly,

Thomas H. Delaney

March 18, 1891.

Messrs. Dyer & Seely,

436 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison has read your letter of 17th instant in regard to the preparation of a new set of foreign patents on the Phonograph for the Edison United Phonograph Co., and he says he sees no reason why you can furnish Messrs. Seligman & Seligman with copies of pending applications and dates of filing, they to pay all the expenses in connection therewith. Mr. Edison says further that he would advise you to get everything relating to your expenses in this matter in black and white. I return herewith letter of Messrs. Seligman & Seligman which accompanied your letter now under reply.

Yours truly,

Private Secretary.

March 18, 1887.

George Parsons Lathrop, Esq.,

New London, Conn.

Dear Sir:-

Replying to your letter of 17th instant addressed to Mr. Edison, the letter I regret to say is now at the mines in Ogden, N. J., and will not be back here for ten days. You might communicate with him again at the end of that time. Mr. Tesla is also absent and is not expected to return for some weeks yet.

Yours truly,

Alfred Mahlon

August 18, 1892.

Joseph Wheeler, Esq.,
c/o "The Electrical Engineer,"
1122 Broadway, New York City.

Dear Sir:-

Mr. Edison has read your letter of 17th instant, and in reply he desires me to inform you that he regrets very much that he will be unable to attend the lecture which you propose giving at the Electric Club, New York, on the 27th of this month. He says further that he would be very pleased to render you all the assistance possible, but he has no chart showing the Alternating Dynamo and Thermo-Magnetic Motor. Mr. Edison says that he does not think much of the thermo business anyway.

Yours truly,

Private Secretary.

March 18, 1891.

Madison Maginn, Esq.,

c/o O. W. Child, Esq.,

#115 Broadway, New York City.

Dear Sir:-

Replying to your letter of 16th instant, in regard to your new and improved Water Motor and device for the development of large water powers under high falls, Mr. Edison is very much obliged to you for your offer to show him the plans of your invention, but he is not interested in the subject of the dams and will therefore not trouble you in the matter. The Edison Company has nothing to do with the water power part of the Niagara enterprise and knows nothing about that branch of the business; it is interested only in the necessary electrical equipment.

Yours truly,

Private Secretary.

March 19, 1891.

Inspector of Track,

D. L. & W. R. R. Co.,

Hoboken, N. J.

Dear Sir:-

We are returning to you to-day the Rail Bender which you very kindly loaned to Mr. Edison a short time ago. We would like to keep the Bar for drawing spikes a few days longer, and will assume that we can do so unless we hear from you to the contrary.

Yours very truly,

EDISON LABORATORY

By

March 30, 1891.

Edwin R. Weeks, Esq.,

Kansas City, Mo.

Dear Sir:-

I beg to confirm the following telegrams exchanged between yourself and Mr. Edison to-day:-

"Shall I find you at home next Monday or Tuesday. Edwin R. Weeks."

"I leave town early Monday next and will be absent about ten days. T. A. Edison."

Yours truly,

Private Secretary.

March 20, 1891.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between yourself and Mr. Edison to-day:

Mr. Insull to Mr. Edison.
I understand that you are coming to town to-morrow (Saturday) to attend a meeting at Mr. Seligman's office. Will you please come to my office before going there? If so, at what time will you be here?

Mr. Edison to Mr. Insull.
I will call at Mr. Insull's office to-morrow (Saturday) about eleven o'clock.

Yours truly,

Private Secretary.

Acknowledgement received

Mar 23rd 1891

Germany National Bank.
Newark N.J.

Dear Sirs:

I beg to enclose you herewith the following checks:

From Southwestern Electrical Supply Co.	$ 5.55
The Empire City Electric Co.	21.00
Kansas City, Ft. Scott & Memphis R.R.	50.00
	$ 76.55

Please place same to my credit and oblige

Yours truly
Geo. A. Bailey
E. F. Randolph

Geo. A. Bailey
Northline Corsey
Dickson
Shall I send one with Microscope
Randolph

290

March 24, 1891.

W. E. Gilmore, Esq., Assistant Manager,

Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

The Photograph of Mr. Edison's Experimental Drill mentioned in your note of yesterday's date, came to hand this morning. Mr. Edison is now at the mines in Ogden, N. J. and is not expected to return here for nine or ten days. When he gets back the photograph will be placed before him.

Yours very truly,

Private Secretary.

March 25th 1891

Thos. A. Edison Esq
Ogdensburgh
N. J.

Dear Sir:-

Mrs Edison requested me to send you the enclosed check drawn to the order of M. P. Belicie for $ 416.30 it is a dressmakers bill and she needs the money very badly.

She also wished me to speak to you about having a new letter of credit made out for Miss Marion as she will need more money in a week or two

Yours truly
J. F. Randolph

March 26, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned to you this morning from the Laboratory:

"I have all the correspondence between the Laboratory and the North Am. Phonograph Company since August 1, 1888 to the present date, copied, and the same will go forward to you this morning by special messenger."

Yours very truly,

Thomas Maguire.

March 26, 1891.

Major S. B. Eaton,
#120 B r o,a d w a y ,
New York City.

Dear Sir:-

Your two letters of 24th instant to Mr. Edison, one on the subject of the Lippincott $68,000 note, and the other in regard to the transfer of Glenmont to Mrs. Edison, were received this morning. They will be placed before Mr. Edison immediately he returns from Ogden.

Yours very truly,

A. Vade

Private Secretary.

M.

March 26, 1891.

Mrs. C. F. Pond,

No. 45 East 34th Street,

New York City.

Dear Madame,-

Your letter of 15th instant has remained unanswered owing to the absence of Mr. Edison.

With reference to the electrical test which you refer to, for making certain the fact of death, Mr. Edison regrets very much that he cannot give you any information on this subject; he does not know what the test is. Should you, however, entertain a fear of being buried alive, Mr. Edison suggests that a good way to prevent such a thing would be for you to make a will and embody therein a clause to the effect that you should not be buried until decomposition had fully set in.

Yours very truly,

Private Secretary.

March 27, 1891.

Mr. C. A. Brown,

c/o Edison General Electric Co.,

Harrison, N. J.

Dear Sir:-

Your report on the working of Pump Room has been rec'd. and perused by Mr. Edison.

Mr. Edison wants you to be sure and inspect phosphorous every day in dryer and go over the ground on each item every day. He says your report is not enough in detail; also that you are mistaken about marking volts. There is a voltage sheet taken every day; Mr. Upton showed a dozen of them to Mr. Edison last week.

Yours very truly,

Private Secretary.

March 27, 1891.

J. W. Lieb, Esq.,

Societa Generale Italiana di Elettricita Sistema Edison,

M i l a n , Italy.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your letter to him dated 6th instant, with relation to an exhibit of talking dolls at the Children's Exposition which is to be held at Milan in May next. Mr. Edison fears that it will be entirely impracticable for him to comply with the request of the Managing Committee in this connection, much as he would like to do so. We have not, however, at the present time one talking doll in the Laboratory which is in working order. The toy phonograph business is at present tied up in litigation, and the manufacture of speaking mechanisms has been suspended for several months. At the same time Mr. Edison desires me to say to you that he will endeavor to obtain a couple of speaking dolls, and if he succeeds in procuring them, he will send the same to you by Mr. Philip S. Dyer, who is expected to visit America very shortly.

Yours very truly,

Private Secretary.

March 28, 1891.

S. M. Bonnell, Esq.,

White House Station, N. J.

Dear Sir:-

With reference to your letter of 21st instant addressed to Mr. Edison at Ogdensburg, requesting information in regard to an engine and crusher for use in connection with the macadamizing of the roads of your township, Mr. Edison has instructed me to say to you in reply that the Brennan Crusher is the one used by him, and, in his opinion, there is no better crusher made, although there may be cheaper ones which cost more to repair than they are worth. Mr. Edison regrets that he is unable to offer any suggestions in regard to an engine.

Yours very truly,

Private Secretary.

March 28, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Your letter of 27th instant, enclosing deed from Mr. and Mrs. Edison to Samuel Insull for Glenmont, is received.

Mr. Randolph has not yet received his Commission as a Commissioner of Deeds, and he cannot therefore take the acknowledgements of Mr. and Mrs. Edison in connection with this document. Do you wish me to call in another Commissioner of Deeds, send the document to Mrs. Edison and have her sign it? If so, please telephone me to that effect on Monday morning, and I will have the matter attended to immediately. Perhaps we had better wait until Mr. Edison returns home; as you know, he has not yet seen your previous letter on this subject.

Yours truly,

Private Secretary.

9/21/91.

N. M. Levin Esq.
Gen'l Mngr. N. & Pa. Ry Co.
Dear Sir

I have ordered from the Phonograph Works one stuffing box gland to take the place of one broken by carpenter on Saturday when taking apart or putting together one of the feeders for the Separator.

To save time the Phono Works have started to make this - will you kindly send them an official order for same.

I will not make the other parts damaged by nails, blocks until I see you again.

Yours Truly
A. W. Thomas

March 30, 1891.

John Krouse, Esq.,

Edison General Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telegram sent to you by Mr. Edison to-day:-

"Please ship drill to Laboratory and let us know when alternator ready for test. EDISON."

Yours truly,

Private Secretary.

March 31, 1891.

W. E. Gilmore, Esq., Assistant Manager,

Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning by Mr. Edison, in reply to your letter of 30th inst. in regard to mica:

> "Please examine samples more carefully. You will see they are split to proper thickness ready for putting together and there is no waste. You leave out entirely saving in waste and labor of splitting to size when quoting price. Please answer again. I have twenty thousand pounds in stock, but prices quoted would be a loss. EDISON."

Yours very truly,

Private Secretary.

March 31, 1891.

George Richards, Esq.,

D o v e r , New Jersey.

Dear Sir:-

Your letter of 21st instant has remained unanswered owing to the absence of Mr. Edison, who only returned to the Laboratory yesterday.

In reply Mr. Edison has instructed me to say that if you will ask your men at Ogden you will find that he has been to very great expense in making surveys of the property. His men are still on this work and have it very nearly completed. You must be aware that it is not a very easy matter to make surveys in the Highlands. In addition to which, Mr. Edison found that the map furnished by the Ogden Iron Company was very much astray, and he is trying to get the thing right. As soon as this work is finished, Mr. Edison will be ready to complete the transaction.

Yours very truly,

Private Secretary.

March 31, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 28th instant, re Colonial Patents and Proposed Assignment to British Company, at London. In reply he has instructed me to say to you that he wants everything in the way of expenses that his contract entitles him to. In other words, he wants all he can get. Mr. Edison says further that he must obtain the Electric Railway licenses before transferring any more patents. He also desires to be furnished with copies of the patents.

Yours very truly,

Private Secretary.

March 31, 1891.

Major S. B. Eaton,

1120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has instructed me to inform you that he has referred your letter to him dated 19th instant, re Rustic Lease, to Mr. H. M. Livor. This is the letter in which you outline Mr. E. P. Merritt's conversation with you with relation to certain mining appliances, the property of the Rustic Mining Company, which that Company is desirous of selling. Mr. Edison has instructed Mr. Livor to inspect the machinery referred to and report to him.

Yours truly,

Private Secretary.

March 31, 1891.

Mr. R. M. Livor,

N. J. & Penn'a. Concentrating Works,

Ogdensburg, N. J.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed letter from Major Eaton, in regard to certain mining appliances owned by the Mantie Mining Company, which that Company is desirous of selling. Mr. Edison desires you to inspect this machinery and communicate with him in regard to it.

Yours very truly,

Private Secretary.

March 31, 1891.

Edison United Phonograph Co.,

G. M. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

In reply to your letter of 26th instant, in which you say that the Australian papers contain accounts of twenty nickel-in-the-slot machines being exhibited in Australia by a Mr. McMahon, who, you believe, claims to be Mr. Edison's agent, Mr. Edison has instructed me to inform you that the person referred to is not his agent, and that he has nothing whatever to do with him. Also, that Col. Gouraud sold a couple of phonographs to a man named Archibald, who, in turn, hired them out to the McMahon Brothers, who are show-men; these latter, Mr. Edison understands, travelled with the machines on a lecturing tour through Australia; they visited London and from there came to New York, a few weeks ago, at which time they called on Mr. Edison; the latter, however, had no transactions with them. Mr. Edison understands that they were very thick with the Nickel-in-the-Slot people, and if the statement contained in the Australian papers to which you refer in your letter, is true, the machines were most likely purchased from the

Automatic Phonograph Exhibition Company. Mr. Edison says further that this matter should be run down.

Yours very truly,

Private Secretary.

April 1, 1891.

Major S. V. Eaton,

#220 Broadway,

New York City.

Dear Sir:-

I return herewith the Deed from Mrs. Edison and myself to Samuel Insull which accompanied your letter of 27th ultimo.

Enclosed you will find a list of the personal property to be assigned to Mrs. Edison. Please obtain a copy of the old list which was prepared when the property was purchased, and add to it the articles itemized in the accompanying inventory. The list will then be complete.

For the information in regard to insurance policies etc. required in connection with this matter and asked for in your letter of 24th ultimo, I beg to refer you to my Insurance Agent, Mr. John H. Wood, whose address is #18 & 20 Liberty St., New York.

In regard to the tract of land, about three acres, located on Eagle Ridge, this is where my Greenhouse is situated, and is also to go to Mrs. Edison. It should be included in the Deed, as it is part of Glenmont.

Yours truly,

Thos A Edison

April 1, 1891.

Major S. B. Eaton,

4120 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from the Laboratory this morning as per instructions from Mr. Edison:-

"Can't we sue Toy Company or do something? They are going to move, as their man put in appearance to-day. Edison."

Yours truly,

Private Sec'y.

April 1, 1891.

The H. B. Claflin Company,

Church St., Worth St. & W. Broadway,

New York City.

Dear Sirs:-

Your letter of 23rd ultimo has remained unanswered owing to the absence of Mr. Edison, who only returned to the Laboratory yesterday.

In regard to sending Mr. Anderson's picture to the Berlin Exposition, Mr. Edison has instructed me to say to you that he is sorry he cannot consent to this. The picture is already hung in Mr. Edison's residence, and he would not like to have it taken away.

Yours very truly,

Private Secretary.

April 1, 1891.

T O W H O M I T M A Y C O N C E R N :

This is to certify that the bearer, G. SACCO ALBANESE, has been employed in my Laboratory for the past eight months, during which period he performed all the work assigned to him in a satisfactory manner. He is very anxious to acquire a knowledge of electrical engineering and is in search of a position where he will be afforded an opportunity of devoting himself to that work. He is a very willing and reliable young man, and I cheerfully recommend him to any one in need of such services as he is capable of rendering.

Thomas A. Edison.

4/2/91.

Howarth Bros.

Gentlemen,

Please examine
thoroughly and put in first class condition
the furnace - registers and the entire heating
apparatus in Mr. Davis's house.

Mr. & Mrs. Davis will be absent
for a short time and everything must be
compared before their return.

Please see me before
beginning.

Yours Truly
A. M. Thomas

April 2, 1891.

Mr. James J. Fronheiser,

Sup't. Metallurgical Dep't.,

Cambria Iron Co., Johnstown, Pa.

Dear Sir:-

Your letter of 23rd ultimo has remained unanswered owing to the absence of Mr. Edison, who only returned to the Laboratory yesterday.

In reply I beg to inform you that Mr. Edison has not yet placed any of his Ore Milling machines on the market; those that have been made thus far he is using himself. Mr. Edison has just completed the erection of a plant at the Ogden Mine in New Jersey; it is now in operation and has a capacity of two thousand tons of crude ore per day. If you desire it, Mr. Edison will see if he can arrange to have a car load of your slag run through the machine. They are turning out at Ogden at the present time about 175 tons of 6% metallic iron, .050 phosphorous, from a 23% ore.

Yours very truly,

Private Secretary.

April 2, 1891.

Mr. J. C. Fowle,

Michigamme, Michigan.

Dear Sir:-

Mr. Edison has read your letter of 25th ultimo, enclosing letter of introduction from Mr. John Birkinbine of Philadelphia. In reply Mr. Edison has instructed me to inform you that he regrets there is no opening in his mining business at the present time where he could place you. It is possible, however, that there may be an opening some time in the future, and if so Mr. Edison will bear you in mind. Mr. Edison has just completed the erection of his ore milling plant at Ogden, N. J.; it is now in operation and has a capacity of two thousand tons of crude ore every twenty hours.

Yours very truly,

Private Secretary.

April 2, 1891.

Mr. Wm. E. Hibbls,

Myers, Florida.

Dear Sir:-

I have your letter of 22nd ultimo, saying that you will visit us this month and square up account.

Before coming on, please send us a statement of your account, indicating when your salary commenced and all further information.

Yours truly,

Private Sec'y.

April 3, 1891.

C. E. Spiers, Esq.,

The Van Nostrand Company,

#23 Murray St., New York.

My Dear Speirs,-

I desire to obtain a "Life of Mr. Edison." There is a little book published by Cassell & Co., in the World Workers Series, entitled "Edison and Morse;" also another one published in Chicago, of which Col. McClure is the author. If you have got the books I refer to in stock, please give a copy of each of them to bearer, and if you have not got them in stock, please try and obtain them in New York and send them out to me by the messenger. You can also send any other Life of Mr. Edison that you may have.

Yours truly,

Private Secretary.

April 3, 1891.

Mr. J. H. Shun,

The Buckeye Pipe Line Co.,

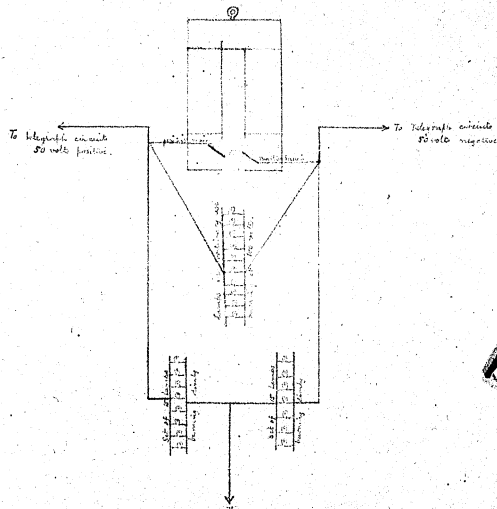
L i m a , Ohio.

Dear Sir:-

Your letter of 27th ultimo to Mr. Edison, saying that you desire to use one of our 40 light incandescent machines on your telegraph line and about 15 c. p. lamps, and asking if the machine can be used successfully for the purpose, has been received. In reply I beg to inform you that there will be no change necessary in your dynamo, provided that 50 volts will be all that you will need for telegraphic purposes. This you can arrange as shown in the annexed diagram, and it will give you both polarities in addition to your incandescent lamps. If, however, you require a hundred volts of both polarities, the armature and field magnet windings would have to be altered, for which purpose we should advise you to send it to the Schenectady Works of the Edison Gen'l. Electric Co.

Yours very truly,

Private Secretary.



N.B. The wires leading from the dynamo to the telegraph apparatus circuits have safety fuses and lightning arrestors. The insulation of the dynamo should be carefully maintained.

April 3, 1891.

Messrs. Dyer & Seely,

#66 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 21st ultimo to Mr. Edison, advising him that the 6th years tax on his two British Phonoplex patents, Nos. 7584 and 7582, of 1885, must be paid before June 22nd, and the fourth years tax on his two Br. patents on Pyro-magnetic Motors and Pyro-Magentic Generators, must be paid before June 13th, Mr. Edison says to let these go by default.

Yours truly,

A. O. Tate

Private Secretary.

M.

April 3, 1891.

Mrs. Edison,-

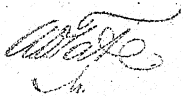
I am sending to you by to-night's mail, under separate cover, one copy each of the following books:

"Thomas A. Edison and Samuel F. B. Morse."

"Edison and his Inventions."

Also a copy of "Celebrities of the Day," a London publication, containing a sketch of Mr. Edison's life. Trusting that the same will meet with your approval

I am, yours respectfully,



3rd April, 1891.

R. W. Childs, Esq.,

#23 Reade Street,

New York City.

Dear Sir:-

Your letter of 23rd ultimo has remained unanswered owing to the absence of Mr. Edison, who only returned to the Laboratory a day or so ago.

In regard to the plan which you suggest for recording telephone messages, Mr. Edison has instructed me to say to you that, if ten men were to speak any particular word into the phonograph, "hello" for example, there would be no resemblance whatever in their records. This is accounted for by the different shape of each man's mouth, teeth, etc. etc. The same word uttered by different persons does not cause the same vibrations. It would seem, therefore, that your plan would not work.

Yours truly,

Private Secretary.

April 4, 1891.

A. J. Knisely, Esq., Secretary,

Berrien County Horticultural Society,

Benton Harbor, Michigan.

Dear Sir:-

Mr. Edison has received your letter of 26th ultimo, with which was enclosed copy of a resolution passed at a recent meeting of the Michigan State Horticultural Society, protesting against the opening of the World's Columbian Exposition on the Sabbath.

In regard to your statement to the effect that the Chairman who drew up the aforesaid resolution informed you that the American Inventor mentioned therein as having closed his Laboratory at the late Paris Exhibition on Sunday, is Mr. Edison, and in reply to your question as to whether the same is true, Mr. Edison has instructed me to say to you that he does not know whether the statement referred to is true or not; if the Edison Paris exhibit was not open on Sundays, Mr. Edison does not know why his representative closed it; it was certainly not on religious grounds, nor on an order from Mr. Edison. The latter believes in opening Expositions on Sundays, to allow working men and their families

to visit them, and in his opinion the Managers of the World's Fair would make a great mistake should they decide to close the Exposition on Sundays.

Yours very truly,

Private Secretary.

April 4, 1891.

Oscar W. Maddaus, Esq.,
#197 Pearl Street,
New York.

Dear Sir:-

Your letter of 28th ultimo, enclosing a sample of fibre, has been duly received by Mr. Edison, who has asked me to thank you for the same.

Mr. Edison is thoroughly familiar with this class of fibre, which he referred to as the "Monkey-bast" from Para. He has used large quantities of it and employed it in connection with many hundreds of lamps. It is not as good, however, as bamboo.

Yours very truly,

Private Secretary.

April 4, 1891.

J. R. Watkins, Esq., Secretary,
Executive Committee for Patent Celebration,
No. 811 G Street, Washington, D. C.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 31st ultimo addressed to Mr. Edison, notifying him of his appointment as an Honorary Vice-President of the Congress of Inventors and Manufacturers of Patented Inventions, to be held in Washington on April 8th, 9th and 10th, for the Celebration of the beginning of the Second Century of the American Patent System.

I regret to say that Mr. Edison is at present absent from home and is not expected to return for several weeks. It will therefore be impracticable for him to attend the Patent Celebration

Yours very truly,

Private Secretary.

4/4/91.

N. M. Luce Esq.

Dear Sir

Will you kindly send an official order to the Phonograph Works for screw conveyor, pulleys and boxes as per drawing furnished by me.

This apparatus is for feeding the ashes to the old style separators in mill — no. 1.

The work will be done at Ogden.

Presume you have sent the order for a new gland to supply place of the one broken upon one of the feeders.

Order has not been received yesterday. —

Yours Truly

W. M. Thomas

April 6, 1891.

Master G. Herbert Simpson,
East Berkeley, California.

Dear Master Simpson,-

Your very interesting letter of 27th ultimo has been received in the absence of Mr. Edison. With reference to the subject matter thereof, I would say that you are not the only one who has longed to visit other globes than our own and hoped that journeys to the planets would be made possible. At present the difficulty is to obtain sufficient force to throw a car beyond the limits of the earth's attraction; for although Mr. Jules Verne did this in his novel "From the Earth to the Moon" (which I dare say you have read), his cannon would produce, to say the least of it, a very severe shock to the persons inside the shell. If it were possible, however, to get safely beyond the limits of return attraction, it seems likely that a car could be landed on a planet by careful selection of the moment. I am afraid the danger involved in such an attempt is likely to prevent its being tried just yet, because if the car were a little too early or late it would wheel around the planet aimed at in almost endless circles, not to speak of the difficulty of maintaining life on arrival.

Yours very truly,

Private Secretary.

April 6, 1891.

F. R. Low, Esq., Mech. Editor,

The Power Publishing Company,

World Building, New York.

Dear Sir:-

Replying to your letter of 4th instant addressed to Mr. Edison, I beg to inform you that you will find a detailed description of the Tasimeter at page 109 of the volume embodying the proceedings of the 27th meeting of the American Association for the Advancement of Science, held at St. Louis, Mo., August 1878.

Any moderate resistance galvanometer will work well if the Tasimeter is used with Wheatstone Bridge.

Yours very truly,

Private Secretary.

April 8, 1891.

Alex. Elliott, Jr., Esq.,

Paterson, N. J.

Dear Sir:-

Mr. Edison has read your letter of 3rd instant, in regard to the insertion of the forfeiture clause in the N. J. Iron Mining Co. Mt. Olive lease, and he would like you to explain to him what this clause is and wherein the danger lies.

Yours very truly,

A. Tate

Private Secretary.

.M.

April 8, 1891.

Inspector of Track,

D. L. & W. R. R. Co.,

Hoboken, N. J.

Dear Sir:-

We returned to you 6th instant the bar for extracting spikes which you kindly loaned to Mr. Edison some time ago. We are very much obliged to you for permitting us to retain this implement as long as you did, and beg that you will accept our thanks for the same.

Yours very truly,

Private Secretary.

April 9, 1891.

Charles Hathhelop, Esq.,
#33 West 25th Street,
New York City.

Dear Sir:-

Replying to your letter of 7th instant, received this morning, in regard to the lease of the Putnam County Ore property, I beg to inform you that Major Eaton obtained this document from me on the 21st of January last, before I had an opportunity of making copies of it. I telephoned Eaton & Lewis this morning and learned that Major Eaton was absent. Mr. Meadowcroft, however, promised to have the lease looked up and a copy of it made and sent to your house to-day if possible. I explained to Mr. Meadowcroft that you were urgently in need of it, and he promised to do the best he could.

Yours truly,

A. Thomas Mathews

April 11, 1891.

Mr. Jas. J. Fronheiser,
Sup't. Metallurgical Dep't.,
Cambria Iron Co., Johnstown, Pa.

Dear Sir:-

Your letter of 7th instant is at hand.

Mr. Edison has just returned from Steelton, Pa., where they explained to him the matter of getting the iron out of the Bessemer slag; he is going to try and accomplish this by his process and will probably fix them up with a plant. If the experiment is successful he may be able to furnish your Company with a plant also.

Yours very truly,

A. Tate

Private Secretary.

M.

April 11, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Elec. Co.,

H a r r i s o n , N. J.

Dear Sir:-

Mr. Edison has read your letter of 8th instant in regard to the arcing of lamps. He notes that in your opinion the trouble is not in the carbons, but that it was caused by running the lamps too low on the pumps. In reply Mr. Edison says that perhaps you are right, but you have better carbons now.

Yours very truly,

Private Secretary.

April 11, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Co.,

H a r r i s o n , N. J.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 2nd instant, returning the papers with relation to the Chandler mortgage.

In regard to your remark to the effect that you do not see how Mr. Edison can suffer any loss if the property is worth eleven thousand dollars, I would point out to you that the Mutual Life Ins. Co. of N. Y. holds a first mortgage on the said property, and if that Company were to sell it for the amount of their mortgage, Mr. Edison would lose the $1,000 that he has loaned on the property, and for which he holds a second mortgage.

Yours very truly,

Private Sec'y.

April 11, 1891.

R. R. Bowker, Esq., 1st Vice-President,

The Edison Electric Illuminating Co. of New York,

#16 & 18 Broad Street, New York City.

Dear Sir:-

Your letter of 7th instant, enclosing copy of a communication addressed by you to Mr. John Kreusi, is before me.

I have from the very beginning down to the present time always been in favor of assuming that the electric light has come to stay, that the people will have it, and that a stub-service should be laid at every junction box. Great care must be used, however, in capping the end of the stub service. There is no question whatever about the great saving it would effect in the course of five or six years.

Yours very truly,

Thos A Edison

April 13, 1891.

E. C. Felton, Esq., Sup't.,

Pennsylvania Steel Company,

Steelton, Pa.

Dear Sir:-

Replying to your letter of 11th instant to Mr. Edison, please send the sample of Bessemer Converter slag to the Laboratory, Orange, N. J., and very much oblige

Yours truly,

A. Tate

Private Secretary.

N.

April 13, 1891.

H. M. Livor, Esq.,

N. J. & Penn'a. Concentrating Works,

Ogdensburg, N. J.

Dear Sir:-

With reference to your telegram of even date, Mr. Edison says that he had better wait until he sees you before explaining the results of his visit to Scranton, Harrisburg and Pottstown. He can explain the matter verbally much better than by letter.

Yours very truly,

Private Secretary.

April 13, 1891.

H. C. Deming, Esq.,

Harrisburg, Pa.

Dear Sir:-

Mr. Edison has received your letter of 9th instant, in regard to an instrument for locating magnetic iron ore.

The instrument referred to in Mr. Edison's letter to you of Nov. 7th, 1889, is not portable enough for ordinary use. It was designed for the purpose of locating more accurately the exact position for sinking, and it would not be valuable for rough field use. For simply locating the ore an ordinary dipping needle, to be obtained of any dealer in Surveying Instruments, is quite sufficient.

Yours very truly,

A. Vade

Private Secretary.

Jn.

April 11, 1891.

Mr. H. H. Thomas,

No. 54 Chester Park,

Boston, Mass.

Dear Sir:-

Your letter of 10th instant is at hand.

Mr. Edison has two processes for duplicating phonographic records. With one it is necessary that the originals should be taken on a special machine. With the other we can obtain from thirty to fifty duplicates, providing the original is good. The cost for duplicating cylinders is 65 cents each. The process is complicated, and we only duplicate at the Laboratory.

Yours very truly,

Private Secretary.

Apl 13/91

Friend Hewitt.

Yours of 7th recd. I am afraid of furnaces as I do not understand that branch of the industry. I am learning it however — We can sell you 66 pct-ore on board cars Ogden at 7 cents per unit, phosphorous 50 thousandths — we make 200 tons daily — can make 500 daily

Yours &c

Thos A Edison

April 14, 1891.

Samuel Dinnell, Esq.,

P. O. Box 3067,

New York City.

Dear Sir:-

I enclose herewith Certificates Nos. 75 and 92 of The Sims-Edison Electric Torpedo Company, for 20 shares and 10 shares, respectively. These certificates were brought to Mr. Edison by Mr. W. Scott Sims, who desired the former to subscribe at $50 each for the shares named in Certificate No. 75 -- 20 in number, the proceeds of which were to be paid into the treasury of The Sims-Edison Electric Torpedo Co. As an inducement for Mr. Edison to take these shares Mr. Sims offered him gratis the stock covered by certificate #92 -- 10 shares in number. Mr. Edison declined to take the stock, offering you his right of subscription, of which you availed yourself. These certificates are therefore your property. Kindly acknowledge receipt.

Yours very truly,

Private Secretary.

April 14, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Respecting the copy sent you on 14th ultimo of letter from the American Graphophone Company, dated March 12th, 1891, regarding the right of the said Company to purchase certain interests from Mr. Lippincott - that is to say, the Edison Phonograph Co. and the Edison Speaking Phonograph Co., I beg to advise you that I find no acknowledgement has been made of the receipt of this letter. I give you this information so you may be familiar with the facts. No action will be taken except on your advice.

Yours very truly,

Private Secretary.

April 14, 1891.

Samuel Insull, Esq.,

P. O. Box 3,067,

New York City.

Dear Sir:-

I enclose herewith a letter dated 10th instant received by Mr. Edison from Miss V. H. McRae, the Manager of "THE PHONOGRAM." Miss McRae is seeking advertisements for her magazine and has solicited Mr. Edison's assistance in procuring for "The Phonogram" the advertisement of the Edison Gen'l. Elec. Co. The publication is one which we here consider worthy of support, and we have given it the Manufacturing Company's ad., the only advertising which we control. The letter of introduction to yourself asked for by Miss McRae has been sent to her, and I hope that you will find it in your power to throw some of the advertising of the Edison Gen'l. Co. into the pages of "THE PHONOGRAM."

Yours very truly,

Private Secretary.

April 14, 1891.

Mr. E. C. Felton, Supt.,

Pennsylvania Steel Company,

Steelton, Pa.

Dear Sir:-

In reply to your letter of 13th instant, I beg to say that the 100 tons of ore will be shipped from the mill to-day.

I do not understand your analysis. The iron seems to be too low by one unit, and the phosphorous is far too low according to the analysis of Gifford in New York. However, when you receive the 100 tons you can take a general sample. In sampling remember that the larger particles by the jolting of the cars will come to the top, and as these are the ones that contain the silica it will be better to sample the material after it has been dumped from the cars.

Yours very truly,

April 14, 1891.

Miss V. H. McRae, Manager,
"The Phonogram,"
New York City.

Dear Miss McRae,-

Mr. Edison has read your letter of 10th instant, and he regrets very much that his engagements are such he cannot arrange at the present time for a personal interview. He takes much pleasure, however, in forwarding to you the enclosed letter of introduction to Mr. Samuel Insull, in compliance with your request, and I have to-day written to Mr. Insull, preparing him for an interview with you and saying a good word in favor of "The Phonogram" as an advertising medium.

Mr. Edison will be very pleased to do whatever lies in his power to assist your enterprize, which has his best wishes for success.

Yours very truly,

Private Secretary.

April 14, 1891

J. P. Barrett, Esq., Chief Electrician,

Head Quarters, Fire Department,

Chicago, Ills.

Dear Sir:-

Mr. Edison desires me to say in reply to your letter of 10th instant that as he has never personally looked after the details of exhibits in previous Expositions, he has no data to guide him in answering your question regarding floor space. He says that the best posted man on electrical exhibits is Mr. W. J. Hammer, Temple Court, Beekman St., New York City, who had charge of Mr. Edison's display at the last French Exposition. Mr. Hammer has been at the head of nearly every electrical exhibit during the last ten years and would be an exceedingly valuable man to you. He is doing general electrical engineering work in New York and is not identified with any particular interest.

Yours very truly,

Private Secretary.

Letterbook, LB-049

This letterbook covers the period April-June 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, John F. Randolph, and E. W. Thomas. Many of the letters relate to Edison's work on an improved phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the litigation involving Edison, the Edison Phonograph Works, and the Edison Phonograph Toy Manufacturing Co. In addition, there are numerous letters pertaining to the business of the New Jersey & Pennsylvania Concentrating Works, including the leasing of mining properties and Edison's investments in that company. Included also are documents concerning the company's relations with the Edison Phonograph Works, which supplied it with ore-milling machinery and equipment. There is also correspondence relating to the Edison Manufacturing Co. at Silver Lake, N.J. and to the manufacture and marketing of the improved Edison-Lalande primary battery. Other letters deal with electric lighting and with the establishment of billing procedures for experimental work done at the West Orange laboratory for the Edison General Electric Co. The front cover is marked "1891." The book contains 700 numbered pages and an index. Approximately 25 percent of the book has been filmed.

April 15, 1891.

Charles Batchelor, Esq.,

#33 West 25th Street,

New York City.

Dear Sir:-

I beg to hand you herewith by special messenger the copy of Profile of proposed Two Feet Railroad from P. & R. C. & I. Co's Ore Mines to the end of the Railroad at Croft Mine, which you asked for yesterday when at the Laboratory and which was received this morning from Mr. Birkinbine.

Yours truly,

Private Secretary.

April 15, 1891.

Samuel Insull, Esq.,

P. O. Box 3067, New York City.

Dear Sir:-

I have your letter of 14th instant, acknowledging the receipt of Certificates Nos. 75 and 92 of The Sims-Edison Electric Torpedo Co., for 20 shares and 10 shares, respectively. I note what you say in regard to the Certificate for 20 shares being in the name of Mr. Edison, his name being filled in on the transfer endorsed on the back. Will I get Mr. Edison to execute an assignment of the stock represented by this certificate? That would save you the trouble of making two transfers.

Yours very truly,

Private Secretary.

April 15, 1891.

R. C. Kinkead, Esq., President,

The Kentucky Phonograph Company,

No. 246 Fifth St., Louisville, Ky.

Dear Sir:-

I have your letter of 9th instant, in which you ask for information concerning the improved phonograph. In reply I take pleasure in informing you that a model of the new phonograph has been made and tested, with very satisfactory results. This latest machine is the result of all the accumulated experience gained in connection with the regular instrument during the last few years. In addition to the present size of cylinder a mailing phonogram can also be used on the improved machine, the change from one to the other being effected by a single movement. The large size cylinder will hold about 1500 words and the mailing cylinder about 400. The instrument is a very handsome one - much finer looking than its predecessor; it is very easily operated and has been pronounced by experts in the business as perfectly satisfactory in every particular. In the machine are embodied all the improvements and additions that could be desired, such as a good stop and start arrangement, and a bell for indicating when

the end of the cylinder is reached.

In regard to the introduction of the new machine to the public, I am sorry I cannot give you any information on this point, as I have nothing whatever to do with the commercial side of the phonograph, my province being simply to manufacture the instrument. As you are aware the North American Phonograph Co. has charge of the marketing of the phonograph. What steps it is taking for the introduction of the improved machine, I do not know. I understand that there is some reorganization going on in the Company, but I have no information in regard to it. Of course I am very much interested in having the new instrument placed in the hands of the public, but as intimated in the foregoing I can do nothing in that direction, having no authority from the New York Company.

Yours very truly,

April 16, 1891.

Mr. R. S. Moffat,

Lackawanna Iron & Steel Co.,

Scranton, Pa.

Dear Sir:-

Replying to your letter of 13th instant I beg to say that following out your suggestion that we should consult your New York office, we have had an interview with Mr. Clarke and have made arrangements to ship 100 tons of our concentrates for trial. It will be forwarded to-morrow or next day. Did you make an analysis of the sample I sent to you. The chemist in New York made an analysis which showed .050 phosphorous, but the Pennsylvania Steel Co. states that they have made an analysis of a sample and only found .005. There must be a mistake somewhere of one decimal point. I think the concentrates carry .050 instead of .005.

Yours truly,

Thos A. Edison

April 16, 1891.

H. M. Livor, Esq.,

N. J. & Pa. Concentrating Works,

Ogdensburg, N. J.

Dear Sir:-

Replying to your letter of 14th instant, you need not feel any anxiety whatever about the sale of our product. I saw Mr. Clarke, of the Lackawana, and he astonished me by saying that he could use the material in his furnaces, and that it would not blow out; that the price of 7 cents was perfectly satisfactory; he wanted me to send 100 tons right on. I declined payment for the first 100 tons. He says that we will get a fair show and that they are prepared to use the material. I am doing some work for the parties to whom we have shipped these samples; it will take me there quite often.

Yours very truly,

April 16, 1891.

Mr. Jas. J. Fronheiser,
Sup't. Metallurgical Dep't.,
Cambria Iron Co., Johnstown, Pa.

Dear Sir:-

Replying to your letter of 14th instant to my Secretary, I beg to say that I am following this matter right up. There is no use making two experiments. I am going to ship a machine to Steelton for the purpose of making preliminary experiments. They have forwarded me a sample of slag, which they say is the run of the dump. From the experiments which I will make at Steelton I shall be able to construct a plant that can be used for working these waste dumps, and it can be duplicated for you.

I send you by express a sample of concentrates which are being made at our mill at Ogden, N. J., which has a daily capacity of 2,000 tons of crude ore and an output of 500 tons of concentrates per day of 20 hours. Please analyse the sample and see if it is valuable for your use. We are charging seven cents per unit for the iron, delivered on cars at Ogden, N. J. My impression has been that the freight would not permit you to use these concentrates, but some one was telling me yesterday that your Company was putting in on trial a plant of the Adams process, and that the Adams process could use fine ore. I have [illegible] analyses made of

these concentrates. One chemist gave 66 metallic iron and .050 phosphorous. The Pennsylvania Steel Co. reports 65.94 metallic iron, and only .005 phosphorous. There is evidently a mistake somewhere. I think the material will carry .050 phosphorous.

Yours very truly,

Wm. A. Edison

April 16, 1891.

Samuel Insull, Esq.,

P. O. Box 3067,

New York City.

Dear Sir:-

Our experimental bills for this year are all held back pending a settlement respecting the basis upon which we should bill experiments for the Edison General Electric Company. As I understand it you have already agreed with Mr. Edison that these costs shall be made up as follows: Labor, Material, General Expense, the last including ordinary general expense, appliances in use, taxes, insurance and small tools. Nothing is to be allowed for depreciation.

I wish you would kindly confirm this at once, so that we can make our books up properly. When work gets so far behind it takes almost a couple of months to catch up.

Yours very truly,

Private Secretary.

April 16, 1891.

H. C. Demming, Esq.,

Harrisburg, Pa.

Dear Sir:-

Replying to your letter of 14th instant, I beg to say that I do not know anything about the manufacturers of the Tiberg instrument. I believe that there is a man named NOHELIUS, a mining expert, in Hackettstown, N. J., who has such an instrument, which I think he would sell.

Yours truly,

April 16, 1891.

John H. Wood, Esq.,

18 & 20 Liberty St.,

New York City.

Dear Sir:-

Will you please forward to Major S. B. Eaton, No. 120 Broadway, New York City, a complete list of the insurance on my residence and property in Llewellyn Park. Send him a copy of the one which is on file at the Laboratory, and which shows a total insurance of $148,900; whereas the attached list, forwarded to me by Major Eaton, shows a total of only $72,500. Please give this your immediate attention.

Mrs. Edison has gone away and will be absent about a month. Upon her return she wants all policies covering house property placed in her hands.

Yours very truly,

April 16, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

The list of insurance on Mr. Edison's residence and property in Llewellyn Park enclosed with your letter of 13th instant is incomplete. The total insurance is $143,900.00, whereas the list forwarded to me by yourself shows a total of only $72,500. I have instructed Mr. Wood to send you a copy of the full list of policies.

Yours very truly,

April 18, 1891.

The States Machine Co.,

Railroad Place & Commerce Street,

Newark, N. J.

Dear Sirs:-

With reference to your letter of 13th instant, you have been misinformed in regard to a portion of the Phonograph Works being available for outside work. While we are not using the whole of the factory at the present moment, we may at any time require its full capacity, and we therefore hold it in readiness.

Yours truly,

Thomas A. Edison

April 13, 1891.

My dear Shaw,-

You are right about the Sunbury business, and I wish you every success in connection with the reorganization. Upton tells me that Wilson Howell visited Sunbury and made a good report; but even if the matter were still open Mr. Edison would not invest any fresh money.

Yours very truly,

Private Secretary.

P. B. Shaw, Esq.,
Williamsport, Pa.

April 18, 1891.

Samuel Insull, Esq.,

P. O. Box 3067, New York City.

Dear Sir:-

Replying to your letter of 15th instant, I beg to say that at the time the Toy Phonograph Co. was considering the sale of its foreign license, the price that they were to charge was restricted by Mr. Edison under a clause in the contract giving him the right to limit the same to three hundred thousand pounds (£300,000). I have no memoranda upon which our estimate was based, as it was simply the result of a conversation between Mr. Edison and myself, which I hastened to embody in a letter to Mr. Stevens before any action was taken by the Toy Company's agent abroad, in order that our views might be thoroughly understood before they committed themselves in any way. The 3% claimed by Mr. Edison and admitted by the Toy Company, we proposed dividing as follows: four-fifths of the same to Mr. Edison, representing commutation of royalty, and one-fifth to the Edison Phonograph Works, representing commutation of manufacturing profit.

Yours very truly,

April 18, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I beg to confirm my verbal instructions of 16th inst., to the effect that I do not desire to have my Portuguese Ore Milling patent worked.

Yours very truly,

Thos A Edison

April 20, 1891.

W. F. Brewster, Esq.,

Grand Hotel,

Indianapolis, Ind.

Dear Sir:-

Your letter of 1st instant has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago.

In reply Mr. Edison has instructed me to say that it must be obvious to you that every one who first went into the electric motor business would necessarily conceive of having a gearless motor. The reason why gearless motors are not used is, that to get the same power as with gears, they have to be made enormously large. The Westinghouse gearless motor would simply pull a bobtail car on a level; on a slight grade it would get stalled.

Yours truly,

Private Secretary.

April 20, 1891.

E. M. Douglas, Esq.,

German National Bank,

Newark, N. J.

Dear Sir:-

With reference to your letter of 14th instant addressed to Mr. Edison, the gentleman who negotiated for the purchase of the Silver Lake property from Mr. W. G. Smith, informs us that there was no agreement that Mr. Edison should pay half of the tax for 1890. All of the conditions of the agreement have been fulfilled.

Yours truly,

A. D. Tate

Private Secretary.

M.

April 20, 1891.

Thomas Egleston, Esq.,

School of Mines, Columbia College,

49th St. & Fourth Ave., New York.

Dear Sir:-

Your letter of 4th instant in regard to a Grinder, has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago.

We have only got a little make-shift Crusher at the Laboratory, which we are sure would not answer your purpose.

Yours truly,

Ed. Gale

Private Secretary.

M.

April 20, 1891.

Edison United Phonograph Co.,

G. N. Morison, Esq., Secretary,

New York City.

Dear Sir:-

Referring again to your letter of 11th instant, the copies of petitions, specifications and drawings mentioned therein, have been received at the Laboratory and have had Mr. Edison's attention. These papers were received here in due course, but through an error were returned to the office of Messrs. Dyer and Seely and reported to you as not having been received. I regret exceedingly that the mistake occurred and trust that it has caused you no inconvenience.

Mr. Edison says that patents should be taken out in Cases 886, 889, 861, 862, 895, 900, 906 & 907. Most of the inventions covered by these are embodied in the new phonograph, and in Mr. Edison's opinion a couple of patents would cover the whole business.

The petitions, specifications and drawings are being returned to you to-day by U. S. Express.

Yours very truly,

A. Ezrow
Private Secretary

April 20, 1891.

Louis Glass, Esq.,

Pacific Phonograph Company,

San Francisco, Cal.

Dear Sir:-

I beg to confirm the receipt of your telegram of 18th instant, reading as follows:

"North American Company have ordered me to ship 125 motor phonographs to Iowa. Is it all right?

Louis Glass."

Yours truly,

Thomas A. Edison

M.

April 20, 1891.

Louis Glass, Esq.,

Pacific Phonograph Company,

#323 Pine St., San Francisco, Cal.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning in reply to your telegram of 18th instant, the receipt of which is confirmed elsewhere:

"All right! The instruments are their property.
T. A. Edison."

Yours truly,

Private Secretary.

Ch.

April 20, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

With reference to your letter of 23rd March, with which was enclosed an extract from a letter received by you from Mr. Philip S. Dyer, in regard to a Children's Exhibition to be held in Milan next month, and at which it is desired some of Mr. Edison's talking dolls should be exhibited, Mr. Edison has instructed me to say to you that he has been trying to obtain some Dolls for this purpose, but has not succeeded in doing so. The toy phonograph business, as you are aware, is tied up in litigation, and for that reason Mr. Edison finds it impossible to obtain any dolls. He has alrwady written Mr. Lieb on this subject in reply to a letter which he received from that gentleman.

Yours very truly,

A. Vade

Private Secretary.

A.

April 20, 1891.

George P. Kingsley, Esq.,

Orange, N. J.

Dear Sir:-

I enclose herewith Deed from Lydia L. Ropes to Thomas A. Edison, dated August 16th, 1890, of a tract of land situated in the township of Belleville, N. J. Please have this deed recorded, after which return it to this office, and oblige

Yours truly,

Private Secretary.

ch.

April 21, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison General Electric Company,

New York City.

Dear Sir:-

I enclose herewith a memorandum in regard to the cost of experiments for the Edison General Electric Company, which I wish you would be kind enough to approve, so that our authority for billing may be complete. This basis was agreed to at an interview between Mr. Edison, Major Eaton and yourself, held at your house about two months ago. The proposition that cost should include the items entered on the attached sheet emanated from you, and therefore has now, practically, your approval.

I desired to add to the allowance made by you, certain charges for depreciation, but these you declined to admit. I therefore turn to your own proposition and will be glad to receive this authority at an early date.

I do not know any better way of recording our understanding - and I take it for granted that you agree with me it should be recorded in order to save trouble in the future.

In a great many instances, owing to a want of a proper preliminary understanding, we have suffered serious delay in obtaining

settlement of experiment accounts. We want to avoid this in the cases of the Edison General and the North American Companies. When the time comes we will obtain a similar acknowledgement from the latter Company.

Yours very truly,

Private Secretary.

April 21, 1891.

MEMORANDUM RESPECTING EXPERIMENTS FOR THE EDISON GENERAL ELECTRIC COMPANY CONDUCTED BY MR. EDISON, UNDER CONTRACT DATED OCTOBER 1st, 1890.

It is understood between Mr. Edison and the Edison General Electric Company that the cost of experiments chargeable against the latter, under contract named, shall consist of the aggregate of the following items:

Cost of Labor.

Cost of Material.

GENERAL EXPENSE (This includes ordinary general expense, appliances in use, taxes, insurance and small tools).

Approved

Second Vice-President.

April 21, 1891.

Geo. W. Gilman, Esq.,
Messrs. Dyer & Seely,
Edison General Electric Co.,
#36 Wall Street,
Atlantic Bdg., Room 58, Washington, D. C.
New York City.

Dear Sir:-

With reference to your letter of 17th instant, over, turning letter from Wm. H. Gilman, I have spoken to Mr. Edison about this, and he does not believe it is worth while to do anything in regard to the matter. He does not believe that Gilliland or anyone else can sustain the claim which is involved in the interference.

Yours very truly,

Yours truly,

Private Secretary.

Private Secretary.

April 21, 1891.

Richard N. Dyer, Esq.,

#36 Wall Street,

New York City.

Dear Sir:-

Mr. Edison has asked me to thank you for your memorandum of "Authorities on proposition that in the case of a "license agreement under a patent which provides that the licensee "shall pay the royalties upon certain dates, and further provides "that on his failure to pay, the licensor may terminate the license "agreement by notice, such license agreement can be legally termi-"nated by the giving of such notice." He read the same with much interest.

Yours very truly,

Private Secretary.

April 22, 1891.

Mr. Hermann Claudius,

c/o Mrs. Janata,

9 Scoda - Gasse, Room 13, Vienna, Austria.

Dear Sir:-

Reply to your letter of 23rd ultimo has been delayed owing to the absence of Mr. Edison.

You are entirely mistaken in attributing to the insulation the trouble mentioned in the newspaper report which you quote in your letter. The insulation holds out splendidly. The reason the lamps grow dull is because the carbons change their resistance. The trouble is entirely with the lamps, and the street mains have nothing whatever to do with it; they have now worked satisfactorily for nine years. We have more than 700 miles of tubes laid and we never have had any trouble with them.

Yours truly,

Private Secretary.

April 22, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from this office, this morning:

"Doll Company desires to remove some wrapping paper which is at the Works and which they themselves purchased originally. Shall we let them have it? We did not attach it. A. O. Tate."

Yours truly,

Private Secretary.

April 22, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I enclose herewith copy of a letter received this morning from Mahlon Pitney, Counselor at Law, Morristown, N. J. The original of this I am keeping for Mr. Edison, who has not yet seen it.

Yours very truly,

Private Secretary.

M.

MARTIN TWIMY,
Counselor At Law.

COPY.
B.

Morristown, N. J., April 21st, 1891.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

My client, Mr. Theodore F. King, of Drakesville in this County, has recently heard that you are contemplating the purchase from the Board of Proprietors of Eastern New Jersey a tract of land (or the mineral thereon) near the easterly shore of Lake Hopatcong and a short distance north from the Forcite Powder Works. It is Mr. King's information that the tract you think of buying includes a part of his tract of 198 73/100 acres, which was conveyed to him by Emma L. Moller and husband by deed dated November 27th, 1882, and recorded in the Morris County Clerk's Office in book Z.10 of deeds on pages 550, &c. In order that you may not be in ignorance of his rights, Mr. King desires me to write you that his land is a part of the "James Logan Tract" of 1119 acres, which was returned under a "West Jersey location" in the early part of the last century (August 22nd, 1715,) the return being recorded in the Surveyor General's Office at Burlington in Liber B., on page 41. From that time to the present the title to the Logan Tract and the several parts thereof has been passed from hand to hand in regular succession, and the entire chain of title appears upon the records in the Morris County Clerk's Office, down to and including the deed to Mr. King. I am aware of course that the East Jerset Proprietors claim the Logan title is not good as against them. This claim of theirs is disputed by Mr. King and by the several other parties who claim under the Logan patent. But (not to go at this time into the question of the record title) it is capable of easy proof that the whole of Mr. King's land has been held in possession by him and those under whom he claims title for at least fifty years now last past. The greater part of this land is now fenced in and occupied for farming purposes. Another part is not at present enclosed by boundary fences, but this part also was fenced for thirty years or more, and until a few years ago, so that Mr. King's possessory title to his whole tract is as we think unassailable.

Mr. King trusts that you will not seek to claim any title in opposition to his, as this would only necessitate a litigation to establish his title, which has now remained unquestioned for 175 years. And I have to request that before you complete your intended purchase from the East Jersey Proprietors you will satisfy

yourself that no part of the lands you seek to acquire are within the lines of Mr. King's deed.

Will you kindly favor me with a reply, and oblige

Yours, &c.,

(Signed) Mahlon Pitney.

April 23, 1891.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

The following is copy of a telephone message rec'd. from Major Eaton to-day in reply to Mr. Tate's inquiry concerning the removal of wrapping paper by the Toy Company:-

"If the property in question is covered by the attachment, you can not deliver it, because it is in the Sheriff's custody. The Boston Co. can legally take any property belonging to them if it is not covered by the attachment."

Yours truly,

Edison Laboratory,

[illegible]

April 24, 1891.

Messrs. Waterhouse, Winterbotham & Harrison,

No. 1 New Court, Carey St., Lincoln's Inn,

London, W. C. England.

Dear Sirs:-

I beg to confirm the following cablegrams, exchanged between yourselves and Mr. Edison on the dates mentioned:-

To Thomas A. Edison. London, April 21, 1891.
"Please return deeds, delay serious.
WATERHOUSE."

To "Currency, London." Orange, N. J. April 24, 91.
"Letter mailed twenty-second. EDISON."

Yours truly,

Private Secretary.

April 28, 1891.

J o h n O t t ,-

Instruct the Night Watchman that he is to allow absolutely no one to enter the Laboratory after closing hours at night, unless they present an order from you, Mr. Edison or myself, and that any breach of this rule will cost him his situation.

April 28, 1891.

Allan Danvers, Esq.,
Managing Director & Chief Electrician,
The Anglo-Portugese Telephone Co., Limited,
L i s b o n , Portugal.

My dear Sir,-

About two years ago you addressed a phonogram to Mr. Edison, conjointly with Mr. Souza, and the latter's expert, who were passing through Lisbon on their way to South America. It reached here in first class condition and has interested a great many people, coming as it did from such a distant point. I have thought that you might be interested in learning how successful Mr. Edison has been with his process of reduplication, and I have therefore forwarded to you four copies of your original phonogram, which I trust will reach your hands in safety. These were made yesterday after the original had been in constant use for about nineteen months.

Yours very truly,

Private Secretary.

April 28, 1891.

Major S. B. Eaton,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I enclose herewith answers to questions asked by the Department State Board of Assessors with respect to the Edison Phonograph Works. I have spread these on a separate sheet, so that you might put them in different shape on the return itself if you consider it desirable. The return should be signed by Mr. Insull as Treasurer of the Works.

I wish you would kindly give me all the particulars in regard to the increase of the Capital from $600,000.00 to $1,200,000.00. The proper entries have not been made on the books.

In answering the question with respect to the amount of capital invested in manufacturing, I have entered the full amount of the stock that has been issued. You of course understand that a portion of this stock was given Mr. Edison for the right of manufacture. The balance of the stock which was sold for cash, represents straight investment. The assessed valuation of the Works property is not high, but is fully compensated for by the rate of taxation, which varies between 2% and 3% of the amount assessed.

Yours very truly,

April 29, 1891.

Dear Mr. Edison,-

I enclose herewith letter from Mr. W. S. Mallory, in connection with which I wired you this morning as follows:-

"Walter Mallory writes that he has offer to make sale of his Chicago business to advantage. Is inclined to sell, provided results with Ogden ore warrant his going ahead in Michigan. He must announce decision to-morrow. Wire him direct No. 7 West Randolph Street, Chicago. A. O. T."

Yours very truly,

Thomas A. Edison, Esq.,
N. J. & Pa. Concentrating Works,
Ogdensburg, N. J.

May 1, 1891.

Harkness Fire Extinguisher Co.,

No. 77 West Houston Street,

New York City.

Dear Sirs:-

Replying to your letter of yesterday's date, the small room which your Inspector refers to, is in a corner of the Laboratory Lecture Room, immediately over the Library. It was constructed merely for temporary use. As explained to your representative, we will have the roof removed from this apartment, when the sprinkler above it will, I assume, afford ample protection against fire. The matter will receive immediate attention.

Trusting that this will be satisfactory

I am, yours very truly,

Thos A Edison

May 1, 1891.

Horace S. Osborne, Esq.,

#44 Hill Street,

Newark, N. J.

Dear Sir:-

Mr. Gladstone has referred to Mr. Edison your letter under date April 27th, in regard to rent due by Mrs. Ritchie. Mr. Edison desires me to say that there was no agreement upon his part permitting Mrs. Ritchie to occupy the house in question rent free, and that the bill rendered by the Edison Manufacturing Company should be paid. I shall be glad to learn if this intimation is sufficient.

Yours very truly,

Wade

Private Secretary.

W.

April 24, 1891.

Adolph Halvorsen, Esq.,

Bergen, Norway.

My dear Sir:-

I have received through Messrs. W. W. Hurlbut & Co., of New York, your esteemed communication of 5th instant, in which you inform me that, together with your associates, you have decided to call your new steamer, at present in process of construction, the "EDISON," after myself, and asking my sanction thereto.

I give my consent to this with pleasure, appreciating as I do the compliment to myself embodied in such action and the motives which prompted it, and tender to yourself and associates my sincere thanks for the kind expressions contained in your letter, together with my best wishes for the success of the "Edison."

Yours very truly,

Thomas A. Edison

May 1, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

My dear Insull,-

Referring to the attached, I have always intended to recognize Sprengel in a practical way. I think the Edison Company should send him a check for fifteen hundred dollars. There is no reason why in doing so they should join with Swan. I would prefer to have them make the present on their own account. Please return Mr. Swan's letter, and let me know what will be done.

Yours very truly,

Thos A Edison

May 1, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

My dear Insull,-

In reference to your letter of 25th ultimo, in regard to Welding, it is no trouble using an ordinary low volt dynamo to do this work, but I have not given it any particular attention, because I consider it "small fry" business. Even under the very best auspices it has not proved to be much of a success.

Yours very truly,

Thos A. Edison

May 1, 1892.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 24th ultimo in regard to the transfer of Glenmont to Mrs. Edison. As soon as this matter is entirely completed, Mr. Edison wants all the papers connected with it, such as deeds, insurance policies etc., put together, to hand to Mrs. Edison, who desires to keep them in her own safe.

Yours very truly,

Private Secretary.

May 2, 1891.

My dear Mr. Adams,-

I have received your kind invitation for dinner at eight o'clock Thursday, 7th instant, to meet Colonel Theodore Turrettini. I am going away during the early part of the week, but expect to be back by Wednesday, and if I can possibly arrange my affairs it will give me great pleasure to take advantage of your kind invitation. I will let you know definitely not later than Wednesday.

Yours very truly,

[illegible]

Edward D. Adams, Esq.,
#455 Madison Avenue,
New York.

May 21 91

My dear MacKenzie:

I understand that your finances are not in the very best shape just at present, owing to your being ill. I enclose a check for One Hundred Dollars and note @ one year which you can send me after signing the same.

I hope that long before this loan matures you will have recovered your customary good health and that it will not again desert you.

Sincerely Yours

Thos A Edison

A. B. MacKenzie Esq
502 Clinton Ave
Brooklyn N.Y.

May 4, 1894.

Samuel Insull, Esq.,

New York City.

Dear Sir:-

I send you herewith two statements of account against the Edison Phonograph Toy Mfg. Co., which are identified by the letters A and B, amounting respectively to $85,098.80, and $8,559.13, a total of $93,657.93.

In regard to statement A, Cost of Manufacture shown $38,523.55, is a ledger debit against labor and material, and refers solely to the manufacture of the various parts of the doll. It includes labor and material for 10,000 movements and bodies delivered and billed. Added to this are general expense, depreciation and profit, which shows that the cost of manufacture for the whole period during which we operated under orders from the Toy Company was $63,480.65. Of this amount we have rendered a bill for $15,593.00, leaving a balance due for undelivered completed parts and parts in various stages of manufacture, of $47,887.65.

RAW MATERIAL. We have in our Store Room certain raw material which was purchased exclusively for doll manufacture. I have charged this against the Toy Company at the price shown in the inventory at the Works.

SPECIAL TOOLS. The total cost of special tools as shown in the ledger, is $25,957.68.

INTEREST AND BILLS RENDERED. Rental of Wax building and Doll building explain themselves. Under the two last heads the Toy Company has been charged simply for the space occupied, and I have brought the account up to May 1, 1891, for the reason that notwithstanding the attachment upon their goods, we have never accepted these in lieu of cash. We simply retain them as collateral security and the Toy Company is liable for rental while they are in our possession, the same as though they did not technically belong to the Sheriff. Statement B shows a balance due on bills rendered $3,559.13.

In discussing the question of settlement or compromise with the Toy Company, I assume it to be their intention to resume manufacture and to adopt the new model. Proceeding on these lines I would suggest first in regard to

PROFIT

The amount of profit to which we are entitled on the whole business (I mean including bills rendered) is $10,580.11. I think we ought to waive this amount.

RAW MATERIAL. All this, with the exception of material representing a value of $3,526.93, would be available for manufacture of the new model. We can therefore make an allowance on this item of $5,747.89.

S. I. -3- May 4, 1891.

SPECIAL TOOLS. The inventory valuation of these tools is as follows:

Tools abandoned with old model	$12,258.84
Tools available for new model	6,890.50
Total inventory valuation of all tools	$19,149.34
Cost as per ledger	25,957.68
Excess of ledger cost over inventory valuation.	$ 6,808.34

We can of course allow the item, Tools available for new model $ 6,890.50

And as your purpose is conciliatory I would, in consideration of all the circumstances, allow the difference between ledger cost and inventory valuation of all tools 6,808.34

Total credit $13,698.84

This effects a charge against the Toy Co. of the inventory valuation of Abandoned tools 12,258.84

$25,957.68

INTEREST AND RENTAL. To obtain a satisfactory settlement, I think we could well afford to dispense with these three items, aggregating $1,978.65. As to bills rendered, these will have to stand just as they are. The allowance must be made in the statement of unliquidated damage (Statement A). In cutting out the profit on all the manufacture, we of course practically make an allowance to the extent of profit on dolls billed. There are no other items on either of these statements which to my mind we could under any circumstances waive,

S. I. -4- May 4, 1891.

To recapitulate

Amount of Statement A---------$86,098.80

I suggest deductions as follows:

Profit----------	$10,880.11	
Raw Material----------	5,747.89	
Special Tools----------	13,693.84	
Interest and Rental------	1,978.65	32,005.49
		$53,093.31
Balance due on Bills Rendered----------		8,559.13
T o t a l		$61,652.44.

If, as I have intirated, it were the intention of the Toy Company to resume manufacture, we would, in my opinion, afford to accept the last named amount - that is - $61,652.44, in settlement of all claims.

Yours very truly,

May 4, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I return herewith letter of Mr. J. Adriance Bush which accompanied your favor of 27th ultimo to Mr. Edison. The certificate of stock for 6,100 shares of the N. A. P. Co., which you refer to in your letter, is stamped "Issued for Property Purchased."

Yours truly,

Private Secretary.

May 4, 1891.

R. T. White, Esq.,

Mills Bdg., Rooms 18 & 19,

New York City.

Dear Sir:-

I beg to advise you that Mr. Edison has referred your letter of 27th ultimo to Mr. John Muir, Manager of the Railway Department, Edison Gen'l. Electric Co., Edison Building, Broad St., New York.

Yours truly,

Private Secretary.

May 4, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I return herewith the opinion of ex-Chancellor Runyon, dated 25th ultimo, which was enclosed with your letter of 1st instant.

The ex-Chancellor's opinion refers to a question of law, about which I was not aware that there ever was any doubt. If the Toy Company have in this State an agent eligible to accept service in a suit for an accounting under the contract, we of course cannot hold their goods. The question is, have they got such an agent, and is one of fact rather than of law. It appears to me that we have a good fighting chance to prove that they have no such person here. I may, of course, be mistaken about this, but it is not touched upon in your letter, and I therefore bring it forward for your consideration. In any event we desire to hold the goods in question as long as we possibly can do so. Their detention strengthens our position in negotiating for settlement.

Yours very truly,

May 4, 1891.

John Muir, Esq., Manager,

Railway Dep't., Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

I enclose herewith a letter received by me from Mr. R. T. White. I think Mr. White is very anxious to bring some of his inventions to the attention of the General Company and that he has been unable to see the proper official. He is a good man, and as he does a great deal of street car work, it might be desirable for us to work in with him. As you will see, his office is in the Mills Building, and it might be well for you to call and see him, or send him a note and have him come and see you. He has built two or three roads I understand.

Yours very truly,

T. A. Edison

May 5, 1891.

Richard N. Dyer, Esq.,

#36 Wall Street,

New York City.

Dear Sir:-

I beg to confirm my telephone message sent to you through the Steward of the Orange Club on Saturday evening last to the effect that Mr. Edison subscribes for five of the Club bonds.

Yours truly,

Private Secretary.

5/7/91.

Friend Conley — In regard to Mr Darwin's presence at Ogden at the time of Mr. Fritz's visit, Mr. Darwin has asked me to say to you that he can arrange to be at Ogden Saturday Apr 11th. After that date he leaves for Chicago to be absent about one week.

Please advise Mr. Darwin, if you deem his presence at Ogden at the time of Mr Fritz's visit important, and also if that visit can be arranged for Saturday Apr 11th.

Yours truly

O. M. Thomas.

May 6, 1891.

Samuel Insull, Esq.,

New York City.

Dear Sir;-

I beg to confirm the following message telephoned you to-day in reply to your inquiry of even date as to what time Mr. Edison was going in to New York to-morrow (Thursday):-

"Mr. Edison is going in on the 10 : 12 train."

Yours truly,

Private Secretary.

May 6, 1891.

Francis M. Appley, Esq., President,

The Orange Cross Town & Bloomfield R'y, Co.,

Orange, N. J.

Dear Sir:-

I have received your letter of 4th instant and have given instructionsfor the removal of the center rail which you refer to, and the restoration of the track to its original condition. The matter will be attended to as early as practicable.

Yours very truly,

Thomas A. Edison

May 6, 1891.

W. S. Mallory, Esq.,
c/o Anderson Hotel,
Pittsburgh, Pa.

Dear Sir:-

Your letter of 5th instant was received by Mr. Edison this afternoon, and I beg to confirm the following telegram which he sent to you in reply:-

"Letter just received. I have not changed my ideas since first telegram. The furnace men are taking kindly to ore and we are shipping. All I said to Swarts was not to rush ahead too quickly. T. A. Edison."

Yours truly,

Private Sec'y.

May 6, 1891.

Major S. B. Eaton,

#44 Broad St., Edison Building, New York City.

Dear Sir:-

Re Attachment Suit v Toy Co. Mr. Edison has made the following note upon your letter of 5th instant:-

"I guess we better tie it up a year if it will only cost $600. Edison."

Yours very truly,

Private Secretary.

May 6, 1891.

Messrs. Thomas Prosser & Son,

#15 Gold Street,

New York City.

Dear Sirs:-

The box from Mr. F. A. Krupp, containing writing stand, referred to in your letter of 4th instant, has been duly received by Mr. Edison, who is very much obliged for your attention in the matter.

Yours very truly,

Private Secretary.

May 6, 1891.

Edward D. Adams, Esq.,

#455 Madison Avenue,

New York City.

Dear Sir:-

Referring to my letter of 2nd instant, I will with great pleasure avail myself of your kind invitation to dinner at eight o'clock to-morrow (Thursday) evening, and will be glad to meet Col. Turrettini.

Yours very truly,

Thomas A. Edison

May 6, 1891.

Messrs. Iyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs;-

With reference to your letter of 29th ult imo to Mr. Edison, in regard to the application of John T. Marshall, No. 182,299, on Conductors for Electric Lamps, which stands finally rejected, Mr. Edison is of the opinion that it would be useless to prosecute the claims further.

Yours very truly,

Private Secretary.

May 6, 1891.

Francis R. Upton, Esq., Gen'l. Manager,
Lamp Mfg. Dep't., Edison Gen'l. Electric Company,
Harrison, N. J.

Dear Sir:-

Mr. Edison has received your letter of 1st instant, returning letter of Dyer & Seely, in regard to the application of Mr. J. T. Marshall, on Conductors for Electric Lamps. Mr. Edison notes that in the opinion of Mr. Marshall and yourself it would be useless to prosecute the claims further, and he has to-day written Dyer & Seely to that effect.

Yours truly,

Private Secretary.

May 5, 1891.

Messrs. Dyer & Seely,

55 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison has made the following note upon your letter of 29th ult inc. in regard to the appeal which you took some time ago from the decision of the Examiner to the Board of Examiners in Chief in Mr. Edison's application No. 345 on a process of magnetic separation, and in which the decision of the Examiner was affirmed by the Board:

> "There is a vast difference. My final product by ore crushing is all pure ore, while Conklin only grades it. Appeal it. Edison."

I return herewith the papers which accompanied your letter above referred to..

Yours very truly,

Private Secretary.

Major S. B. Eaton, May 7, 1891.

Edison Building, Broad St.,

New York City.

Dear Sir:-

Re Attachment Suit v Toy Co. Replying to your letter of 6th instant, Mr. Edison has already advised you that he has decided to continue this suit in order that we may hold the goods for as long a period as practicable, pending the completion of the negotiations now being conducted by Mr. Insull with Mr. Madden.

You ask in your letter to myself under date 5th instant for a statement of the different classes of property now stored at the Works, in reply to which I beg to submit the following:

(1) During the course of manufacture the Toy Company accepted delivery from the Edison Phonograph Works of 10,000 dolls complete with mechanisms. Of those there are about 7500 stored in a portion of the doll building which was used by the Doll Company for a packing room and for which we are charging them rental.

(2) In another building there are stored about 253 cases of heads, legs and arms which were imported from Germany by the

Toy Company. This is the property that is covered by the attachment above referred to. The title to the above property rests with the Edison Phonograph Toy Manufacturing Company.

(3) There is other property at the Works, consisting of completed mechanisms, and parts in various stages of manufacture, of which delivery has never been made, and which appears in a statement that I have prepared and that is now in Mr. Insull's hands. The claim covered by this particular statement is known in legal phrase as "Unliquidated Damage."

Now in regard to whom this property belongs, you will remember that the Toy Company's contract for manufacture was made with Mr. Edison personally, and subsequently was assigned by Mr. Edison to the Edison Phonograph Works. The Toy Company have never directly participated in this assignment. They may be committed to it by implication. Such evidence would be furnished by the correspondence that passed between the Toy Company, the Works and Mr. Edison, all of which I turned over to Mr. Lewis. It is my impression that Mr. Lewis and Mr. Stevenson decided that the title to this property rested with the Phonograph Works, but of this I am not absolutely sure. We have taken no action against the Toy Company with respect to unliquidated damage, our claim against them covered by attachment being for the balance due on bills rendered for goods delivered. At the time this question of title was under discussion you may recollect my suggestion that Mr. Edison and the Works should vest in a third party such interest as

either or both of them might have in the property under the contract, in order to frustrate any move on the part of the Toy Co. with respect to the question of title.

Yours very truly,

Private Secretary.

May 7, 1891.

T. R. Taltavall, Esq.,

THE ELECTRIC AGE,

New York City.

Dear Mr. Taltavall,-

Replying to your letter of 5th instant, the name of Mr. Edison's residence in Llewellyn Park, is "GLENMONT." There is no dynamo on the premises, the current for lighting the lamps, of which there are 500, being supplied from the Laboratory. The grounds embrace about fifteen acres.

Yours very truly,

Private Secretary.

List no. 1.

5/8/91.

Edison Phonograph Works.

Gentlemen

The following is a list of timber and wood required for review One Separator.

2 pcs.	6"x16"x18'	yellow pine	planed 4 sides.
1 "	6 x 16 x 12'	"	
14 "	6 x 8 x 20	"	
1 "	6 x 8 x 22	"	
1 "	6 x 12 x 16.	"	
1 "	4 x 12 x 18	"	
7 "	2" x 2½" x 10'	"	
7 "	4 x 12 x 20	"	

1100 superficial feet of 7/8 oak planed both sides 10" wide any lengths.

1100 superficial feet of 1¼" oak rough 16 ft long - any widths

7 pieces 7"x7"x8' white wood, thoroughly dry.

Yours Truly

Edison Laboratory

Thomas.

advise foreman to see me before cutting this yellow pine timber.

List no. 2.

Laboratory. 5/8/91

Edison Phono W'ks.

Gentlemen:- The following is a list of fittings & material required for the magnet frames of seven Orchestrantes.

4 wrought iron hoop straps. - see drawing.
7 Brass hoops 1/2" 20" to centre - 5/8" inside dia
4 " " " 18" " " " "
2 doz 1 1/4 pipe 16 1/8" long.
28 " " 17 1/2"
4 " brass pipe 3/4 x 21 1/8
4 brass bol. 5/8 x 28 1/2
28 " " 5/8 x 5
28 iron bolt. 1 x 28 1/2"
28 " " 1 x 27
35 " " 3/4 x 2' 7 1/2"
7 " " 3/4 x 2' 6"
35 " " 3/4 x 2' 5 1/2"
31 " " 3/4 x 19"
7 " " 3/4 x 14"
84 " " 3/4 x 12"
7 " " 3/4 x 10"
4 " " 3/4 x 8"
1 " " 5/8 x 8"
5/8 x 8 1/2
Ins screw. 3/8 x 3
Washers 4" dia for 1" bolts - see pattern.
use only the heavy pattern.

15 H washers 4" dia for 3/4" bolt. use the heavy pattern.
260 - 3/4 wrought washers.
260 - 5/8 " "

Yours truly
Edison Laboratory
Thomas

5/8/91.

Mr. Jas. Conciglio.

Gentlemen,

Will you kindly order the balance of the take up bearings for the seven new machines from the Morris Co. Mach Wks. — also the wood screws to fasten them down. Yrs. Truly

Calvin Terry
Akron

List No 9.

Edison Phonograph Works, Edison Laboratory 5/8/91.

Gentlemen The following is a list of metal work required for drum and rollers for sound Box Separators.

7 pcs shafting 2 5/16 x 12'10"
7 " " 2 7/16 x 11'3"
14 " " 2 7/16 x 4'9" see drawing
7 " " 2 9/16 x 9'2"
7 " " 1 7/16 x 9'2"
14 Collars for 2 9/16 shaft.
14 " " 2 11/16 "
14 " " 2 9/16 "
14 Cast flange for 2 9/16 " see pattern
14 " " 2 7/16 "
14 " " 2 9/16 "
14 " " 6" roller "
Willow blocks as per drawings.

Belt tightener - Mr Pratt may will supply.

14 Keys 7/8 x 5/8 x 3½
14 " 5/8 x 5/8 x 3½

168 bolts 3/4 x 4½ - two washers with each
84 " 5/8 x 3½ " " " "
28 doz. flat head screws No 18 - 2¼ inches
56 " " " " 16 - 1¾ "
364 " " " " 18 - 2 "
11 " " " " 18 - 3½
56 lag screws 3/8 x 6
7 pairs fast & loose pulleys 2 5/8 x 10 x 46
7 feed drawing pulleys for 2 9/16 shaft see drawing.

See detail drawings for other metal work and magnets

Yours truly.
Edison Laboratory
Thomas.

May 9th 1891

Geo Richards Esq.
Dover NJ.
Dear Sir

Our survey is completed and we are ready to close up the matter.

The bearer Mr Perry will represent me in the matter as I am obliged to go to Chicago. I have given him the correspondence and explained matters to him.

He will want to satisfy himself as to the debts and obligations of the company

I should prefer that the whole of the stock should be deposited with Drexel and Company Philadelphia to be delivered to me on payment of the amount agreed on less the debts as agreed

Yours truly

May 9, 1891.

George Richards, Esq.,

D o v e r , New Jersey.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"We are ready to close Ogden deal. I go Chicago to-night, but my representative Mr. Perry will call on you Wednesday next. T. A. E."

Yours truly,

T. A. Edison

May 9th 91

R. L. Cutting Esq
New York

Dear Sir:

I enclose herewith certificates of stock of the New Jersey & Penna Concentrating Works as follows:
Nos: 176. 181 and 192 - 10 Shares Each in name A. M. Liron;
Nos: 218. 232 and 247 in name A. O. Tate - 2 shares each.
I have purchased 25 shares of Mr Liron's stock and all Mr Tate's stock represented by enclosed certificates and desire your signature on the backs of certificates so that I may have proof transfers made

Very truly yours,
Thos A Edison

5/11/91.

N. M. Levin, Esq.
Genl. Mngr. N.J. & Pa. Ordy Co
Dear Sir

Referring to your letter of May 7th. in relation to winding of coils for the seven new machines, we beg to say that Mr. Edison's first instructions to Mr. Kennelly were to design some of the coils for 125 ohms.

Mr. Edison afterward requested Mr. Kennelly to design all the coils for 155 ohms.

The new coils will require only one half the current of those now in use and if they answer the purpose new ones will be gradually substituted for the old ones.

Will you kindly arrange to have the posts clothed and the cross sheet levelled for the new machines, so there shall be no delay when castings arrive.

Yours Truly
Edison Laboratory
Thomas

P.S. The part of this letter referring to coils has been submitted to Mr. Kennelly for approval.

May 11, 1891.

W. S. Perry, Esq., Treasurer,

New Jersey & Penn'a. Concentrating Works,

Edison Building, Broad St., New York City.

Dear Sir:-

We beg to confirm the following message telephoned to you to-day:-

"The following telegram has just been received from George Richards, Dover, New Jersey: "Hope Mr. Perry will be able to see me to-morrow (Tuesday), as I will have important engagement for Wednesday and Thursday. Geo. Richards."

The above telegram was addressed to Mr. Edison.

Yours very truly,

EDISON LABORATORY

By Chas. Mafine

May 11, 1891.

E. E. Morgan, Esq.,

c/o New Haven Clock Company,

New Haven, Conn.

Dear Sir:-

Mr. Edison is in receipt of a letter dated April 29th from Mr. H. E. Walter, of the National Signal Company, London, England, requesting information in regard to the Logan Storage Battery, and asking that the reply be sent to you, so that you could communicate with Mr. Walter by cable, should you deem it necessary.

Mr. Edison has asked me to say in reply to Mr. Walter's letter that he is not using and never has used any of Mr. Logan's batteries. He is therefore unable to give any information concerning them. It was intended at one time to erect a plant of these batteries at the Laboratory, but the arrangement was never carried out. Consequently Mr. Edison knows nothing as to the merits of the cell.

Yours very truly,

Pr

May 12, 1891.

William E. Curtis, Esq.,

Bureau of the American Republics,

Dep't. of State, Washington, D. C.

Dear Sir:-

With reference to your letter of 1st instant, as Mr. Edison had no knowledge of the request of His Excellency, the President of Chili, for a phonograph, he referred your communication to the Edison United Phonograph Company, New York, the Company controlling the instrument in Chili, and through which a phonograph for use in that country could only be obtained. Mr. Edison is now in receipt of a communication from the United Company to the effect that they have no knowledge of His Excellency's request, and asking for additional information on the subject. Mr. Edison would be pleased to hear from you further in regard to the matter.

Yours very truly,

Private Secretary.

B.

May 15th, 1891.

John Kreusi, Esq., Gen'l. Manager,
Edison General Electric Company,
Schenectady, N. Y.

Dear Sir:-

Mr. Edison gave me some samples of insulating material, of which your #2 socket washers or bases are made, to be duplicated or improved upon. I have been working on the material and have several compounds, which, I think, will answer, but in order to test the materials completely would like to mould some of the washers or bases from each material. Can you furnish me with one of the moulds or dies which you use for this purpose? Also if you can give me an idea of the way in which you mould them in practice it will greatly facilitate my work, as I can then adapt the material to the process of moulding now used, without requiring change of apparatus.

Yours very truly,

J. W. Aylsworth

5/15/91.

N. J. Pa Conerg Co.

Gentlemen

Will you kindly advise the Morris Co. that we also to forward to our Mr. Thomas one Larry the drawing for the swivel bearing so that we can make all the changes upon our drawing before tracing and printing

Yours Truly
Edison Laboratory
Orange.

5/15/91.

N. J. Pa Conerg Co.

Gentlemen

Will you kindly inform us what size of shafting you use in both mills for small pulleys carrying conveyor belts.

Yours Truly
Edison Laboratory
Orange

May 16, 1891.

Mr. Kennelly,-

A representative of the American Watchman's Time Company called on me in New York on Thursday last, and expressed considerable regret that we were not using their system, which originally we employed at the Laboratory. I understand that an electric light wire fouled with the wires leading to the indicator and fused them and that the break was never repaired. The Watch Co. say that they will go to any expense to put the system in thorough working order for us. Do you consider it desirable for us to have this done?

Edison
M.

May 16th 1891.

Mr. A. Edison
c/o Edison Gen'l Elec. Co.
Rialto Building, Chicago, Ills.

Did you get Lehmann's report? Do you want extension of Silver Springs?
Board meets Tuesday.

A. T. & T. Co.

May 18, 1891.

S. B. Eaton,
Edison Phonograph Company,
Newark, N.J.

Dear Sir:-

I enclose herewith letter to the Board of Proprietors of East New Durham, as per copy which accompanied your letter of even date, signed by Mr. Edison.

Yours truly,

Private Secretary.

May 12, 1891.

To the Board of Engineers
of East New Jersey.

Gentlemen,-

Referring to the arrangement we are just completing relating to what is called the Silver Springs tract, I beg to say that I would like to make arrangements at an early day for acquiring similar rights, that is to say, water rights together with an option of purchase, covering certain other tracts of land in that general locality.

I am not ready just yet to make you any definite proposition, but suggest that, if agreeable to you, a broad resolution be passed at your meeting tomorrow, authorizing your Executive Committee to receive from me such propositions as I may hereafter make, before your next meeting, and to act on them with such power as you may see fit to give the said Committee.

Hoping it will be agreeable to you to authorize your Executive Committee to deal with me, as above suggested, I remain

Very truly yours,

Thomas A. Edison

H. M. Ivor,
N. J. & Pa. Concentrating Works,
Nolan's Point, Lake Hopatcong, N. J.

May 28, 1891.

Will be with you to-morrow morning.

T. A. Edison.

May 10th, 1891.

H. M. Livor, Esq.,

New Jersey & Pa. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I beg to confirm the following telegram sent you today:

"Work begun on screws this morning, expect to express Thursday. Letter not yet received. E. W. Thomas.

Yours very truly,

(Signed) E. W. THOMAS.

May 19, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith for your information copy of a letter which Mr. Edison addressed last night to the Board of Proprietors of the Eastern Division of New Jersey and which he sent by special messenger to Mr. Goodrich, the Surveyor of Eastern New Jersey, for presentation by him to the Board at their meeting to-day.

Yours very truly,

Private Secretary.

C O P Y.

B.

Orange, N. J. May 18th, 1891.

To the Board of Proprietors

of the Eastern Division of New Jersey.

Gentlemen, -

Since writing my letter this morning I have received further information regarding the land of the Logan Tract and have decided to make you the following offer, viz. :

I will pay you ten dollars per acre for the mineral right for an additional thirty acres, extending ten chains to the south west of the tract already purchased by me, and being thirty chains in width as shown in sketch below, together with the right to purchase the full title for an additional fifteen dollars per acre one year from receipt of deed.

Yours very truly,

(Signed) Thomas A. Edison.

M.

May 19, 1891.

My dear Lowrey,-

Your letter of 16th instant, dated at Pocantico Hills, N. Y., is at hand, and I will attend the hearing of the case in New York on Monday next, 25th instant.

Yours very truly,

Grosvenor P. Lowrey, Esq.,
#15 Broad Street,
New York City.

19th May, 1891.

William E. Curtis, Esq.,

Bureau of the American Republics,

Dep't. of State, Washington, D. C.

Dear Sir:-

Mr. Edison is very much obliged for your letter of 15th instant, regarding the shipment of a phonograph to Chili. The matter is now quite clear. The reference contained in your former letter to a "phonograph for the President of Chili," misled us, as we had no knowledge of an instrument to be shipped to His Excellency, President Balmaceda. Mr. Edison had, as you say, some correspondence with the Hon. William Henry Trescot, of your City, with respect to a phonograph for the University of Chili, the history of which is detailed in your letter correctly. The matter of presenting a phonograph to the University mentioned is in the hands of the Edison United Phonograph Company, New York City, and I am forwarding to them your communication now under acknowledgement, with the request that they communicate with you direct. I have no doubt that when the officials of the Company

are ready to forward a phonograph to Chili they will be glad to afford facilities to Secretary Blaine for complying with the request of President Balmaceda. They will doubtless communicate with you upon this subject.

Yours very truly,

Private Secretary.

May 19, 1891.

M. D. Barr, Esq., District Manager,

Edison Gen'l. Electric Company,

T o r o n t o , Canada.

Dear Sir:-

The storage battery referred to in your letter of 8th instant has been received at the Laboratory, also copy of the Canadian specification on same. Mr. Insull has also communicated with us in regard to this battery, which will be subjected to a thorough test, and the result made known to you.

I note that there are no diagrams included with the papers which you sent us concerning this battery. The specification seems to be an imperfect translation of a French patent. We would be in a position to make a more fair test if you could lend us the full French patent, with drawings, or an exact copy of the same. We would take good care of these and return them to you immediately the test was completed. Please advise us if you can supply the same.

Yours truly,

19th May, 1891.

Edison United Phonograph Company,

M i l l s B u i l d i n g ,

New York City.

Dear Sirs:-

I enclose herewith another letter received by Mr. Edison from William E. Curtis, Esq., of the Bureau of American Republics, regarding the shipment of a phonograph to Chili, together with copy of my reply to same. You will see that the phonograph to which Mr. Curtis referred in his letter of 1st instant is the one that was promised some time ago to the University of Chili, about which we have had some correspondence. It seems that the President of Chili is desirous of receiving from Secretary Blaine a phonographic message when the machine in question is shipped, and Mr. Curtis asks how this could be arranged. Will you kindly communicate direct with Mr. Curtis, and very much oblige

Yours truly,

Private Secretary.

May 20, 1891.

Mr. Edison,-

In regard to the regular monthly Profit and Loss sheet from Silver Lake, I did not get this out on the 1st of May, as we were particularly busy owing to Mr. Gladstone's absence. We were also shorthanded through the sickness of some of our men. Our sales continue at about $700 per week. You are aware of the difficulty which we encountered in connection with the double telephone cell, caused by a leak through the partition. These jars were returned to Trenton for repair and sent back to us, reaching the factory yesterday. A superficial test, that is filling one side with water, showed that twenty out of sixty of the jars were still defective. The balance of these cells were tested with a dynamo current yesterday afternoon by Mr. Gladstone. I have not yet heard the result, but have forwarded him instructions to advise you this morning. Gladstone's trip was interrupted, as one of the most important parts of his work was the introduction of this telephone battery and the institution of tests in the Telephone Exchanges at various headquarters. The manufacturers are going to make these jars in a different way, that is to say, the sides of the jar will be ribbed and the partition let into the grooves thus formed on the inside, and sealed. This we believe will overcome the difficulty absolutely. I have told Gladstone to come over and see you to-day about the battery business and give you full information, as I shall probably not be able to leave New York.

I understand that you asked Randolph if we were not running behind on our business. There is not the slightest use in your trying to obtain information of this character from the Laboratory books, as the record which is kept there does not at all show the state of the business. We are not running behind, but are forging ahead, and considering the troubles that we have had and the money we have been obliged to spend in correcting them, our condition is far from unsatisfactory. Our accounts receivable are about $1800 in excess of our accounts payable. This of itself shows that money has been earned. We have no bad debts on our books and we make our collections as promptly as we possibly can. In a new business where so much introductory work has to be done we cannot bring as much pressure to bear in making collections as if we were on a more permanent footing. We deal only with

representative people and we never open a new account without having a full report on the financial responsibility of the customer. Our cells are on sale at J. H. Bunnell & Co's. in New York, and we are arranging terms with Alexander, Barney & Chapin, another representative New York house, who will handle our goods. In Philadelphia we are represented by Walker & Kepler, who have given us a large window on the principal street for a display, the same as Bunnell makes, and who are pushing sales vigorously. It is my intention to have one representative firm in every large city make a specialty of our batteries, and it is for this purpose that Gladstone is going out on the road, in the course of a few days, as soon as we settle this telephone call business. We cannot do any noticeable amount of railway telegraph work until we get the Western Union, and I do not think it will be very long before they put the stamp of approval on our battery. They have a couple of hundred cells in service at Buffalo, and if these give them satisfaction, it will make our work elsewhere easy, but we have got to wait for the result of this test. It is simply a waste of time and money to send men around the country on railway work when we can do the whole business right in New York, or at least the most important part of it. At present the Western Union will not honor requisitions from Railway Superintendents of Telegraph for our battery. As soon as they are willing to supply them, we will take care of the other end.

C A N A D A. The Edison Gen'l. Electric Co. are opening Supply Stores in all the principal cities in Canada, from the Atlantic seaboard to Winnipeg. We are arranging with them to carry in each of these stores a stock of our batteries, which will cover that country thoroughly. We will do all our business there through the Edison General Company.

SOUTH AMERICA AND WEST INDIES. We have placed this business in the hands of the E. S. Greeley and Co. They have several agents who travel through these countries, and these men will make our battery a part of their equipment. Our Spanish catalogue has just been completed, and Greeley states that we can undoubtedly do a very large business. I considered it better to place the whole of this trade in the hands of a responsible concern like Greeley's and have an arrangement with them whereby we are paid on the 15th of each month for all our shipments whether they have made their collections or not. Thus we can have no bad debts.

E N G L A N D. You will recollect that some weeks ago we made two propositions to the people who hold the Lalande patents for Great Britain, one of which contemplated our making sales in that country and paying a royalty, and the other our selling to the English Company themselves. The Secretary stated that he required this information to place before his Board. I presume that after he received our letter he had to call a board meeting, which accounts for the delay of the reply to our communication. I

quite sure that we will obtain the privilege of selling over there, either through the English Company or through our agent, DYER.

In France we have only the right to sell these batteries for use in connection with the phonograph.

We are shut out of Austria owing to the heavy duty placed on primary batteries entering that country.

Dyer is negotiating with the Chief of the Belgian Telegraphs for a large order. He will be able to make a better showing on these foreign sales when he locates in London. He is to be established there immediately on his return in the course of a week or two. London is practically the business centre of the continent, and he can do more business there in a day than he could do from Antwerp in a month.

W A X. From all I can learn on the subject I believe it is going to take two months or more to run through our stock of wax at Silver Lake and put it in shape for shipping. I have notified the Phonograph Works that we will receive scrap wax from them until they have exhausted our storage capacity, and give them credits as it is used; that we will not issue immediate credits for scrap.

Yours truly,

A. Fake
M.

May 21st 1891

Thos. Butler Esq
112 Broad Street
New York

Dear Sir.

I have here in the safe 2500 shares of stock in the Edison Limited Phonograph Company which belongs to Mr Edison and in order to put same on my books I will have to trouble you for some information.

Is there an agreement in which it states why Mr Edison receives this stock and if so can you send same to me or a copy of it, and any other information you can give me in regard to same will be greatly appreciated

Yours truly
John F. Randolph

P. S.
The above stock was handed me by you.
JFR

May 20, 1891.

Mr. J. W. Aylsworth,-

Dear Sir,-

I have your letter in regard to wax. Can you give us an idea as to how many pounds of scrap wax from the Phonograph Works we can store at Silver Lake? My intention is to store as much as we conveniently can there and issue credits for it as it is used. I want to obtain some idea of our storage capacity, so that when necessary the Edison Phonograph Works can arrange to store the material themselves.

Yours very truly,

A. Tate

Private Secretary.

A.

20th May, 1891.

Alexander Elliott, Jr., Esq.,

Cochran House,

Newton, N. J.

Dear Sir:-

Your letter of 19th instant is at hand, and I have noted contents of same.

You may close with Fardon by taking a three months option to purchase the majority of the stock of the Sussex Iron Company which owns the Davenport Mine, at six thousand dollars, if you cannot get it at $5,000. You had better see Brown and the others and ask them if they will not come in at the same price.

Say to the Crane Iron people that we have been prospecting on the Egbert Church mine, but had to take the man away to prospect another mine; he will soon return however; the rock is very much disturbed and we were very much put out by the formation at Egbert Church.

In regard to the Hilts mine, see what kind of an option you can get -- how much money they want for the right to purchase it within 18 months, and also what is the minimum amount for which they would lease it.

You may close the Howell and Split Rock mines.

How about the Cobb Mine?

You need not bother about the Pike's Peak Mine, as we find nothing there.

You speak about the Ogden Mine search. Do not forget that we have the complete search of title here in the hands of Mr. Lehman. Please see him. I think the only search you should make is to see that there is nothing on record about bonds or judgments against the Company or any contracts obligating the Ogden Co. to any particular thing. Mr. Reed has turned over all the documents and searches relating to Ogden to Mr. Lehman and they are here at your disposal. Our search on all the titles of property in connection with our surveys at Ogden was made by Reed, I think.

Mr. Lehman has surveyed Seward, and it does not amount to very much. If he does not come down to a reasonable sum, I do not think we shall want it very badly. However if you can get a decent arrangement with him we had better take it, as it makes the whole thing continuous.

~~You will look up the Cole survey and see if it amounts to anything.~~ The Cole property at Mt Olive has no mineral on it

You say "Please write Mr. Perry a letter about increasing my salary." You have made a mistake in regard to this. I did not make any arrangement about increasing your salary. The arrangement was that you get the same salary as you are getting now, but [illegible]

Alexander Elliott, Jr. -3- May 20, 1891.

$15.00 a day, while working, and expenses, you to hire the man on just what terms as you please. All that we want is that he should be a good active man.

Regarding your letter also of 19th instant, informing me of your interview with Wright, I am now pretty well convinced that the Wright and Welling properties are of no value to us, so I advise that you ~~write~~ inform Mr. Wright that his proposition is not acceptable to us; then let the matter drop until such time as he feels inclined to come to our terms.

Yours very truly,

Thos A Edison

May 20, 1891.

The Orange Club,

G. B. Zippel, Esq., Treasurer,

#20 Prospect St., East Orange, N. J.

Dear Sir:-

I enclose herewith Mr. Edison's check to the order of the Orange Club, for $25.00, in payment of 20% of his subscription to the bonds of your Club, issue of Feb. 2nd, 1891, in accordance with your circular letter of 6th instant. Please acknowledge receipt.

Yours truly,

Private Secretary.

May 22nd 1891

H. C. Ware Esq
Edison Phonograph Works
Orange. N. J.

Dear Sir.

As per telephone message this afternoon from Mr Butler I beg to enclose you herewith seven notes for $2000.00 each Nos 11 to 17 inclusive drawn by the N. J and Penna Concentrating Works in favor of the Edison Phonograph Works and each one bearing the date of May 1- 1891 payable on Sept 4th 1891 and endorsed by your company.

Kindly acknowledge receipt of same and oblige

Yours truly
John F. Randolph

May 22, 1891.

American Watchman's Time Detector,

234 Broadway, New York City.

Dear Sirs:-

In regard to restoring your system in the Laboratory, I beg to inform you that I have looked into this matter and find that the method employed here at present of keeping the watchmen's time is very satisfactory, and we have decided not to make any change.

Yours very truly,

A. Tate

Private Secretary.

A.

5/25/91.

N. M. Leon Esq.
Genl. Mangr. N.J. & Pa. Coal Co. Wkb.
Dear Sir

We are making an experiment upon tailings that promises very favorable results. If you will kindly furnish us the pulleys mentioned below we can compute the experiment and place the jigs in position at Ogden much sooner than by waiting for the material is ordered from Schenectady.

Two of this for 1 3/16 x one for 1 9/16

one of this for 1 9/16 shaft. with bearings

Three of this for 1 3/16 shaft. with bearings

one of this for 1 3/16 shaft.

2. N.M.L.

In addition to these we require 50 ft of conveyor belting same width as your tailings conveyor to dump. – cotton will answer our purpose – 4 plies Ranger 1 3/16. – 2 plies Ranger 1 3/16.

1 pulley 6" face 18" dia – 1 5/16 bore crown or flat.
1 " 8" " 12" " 1 3/16 " " " "
1 " 8" " 18" " 1 3/16 " " " "
1 " 6" " 12" " 2 3/16 " " " "
2 pillow blocks for 1 3/16 shaft

Please let us know by return mail what you can furnish of material mentioned.

You can charge us with what you send us giving us the privilege of returning it if we wish to.

Yours Truly
Avion Laboratory
Thomas

May 22, 1891.

Senor Pedro Trujillo,

B o g o t a , Colombia.

My dear Sir:-

Mr. F. S. Hastings, of the Edison Electric Light Company, New York, has sent to me a copy of your letter to him under date March 19th last. With reference to the remark contained therein to the effect that you had hoped to receive letters from me, but were disappointed, I should like very much to know upon what you based this expectation, as I have no recollection of ever having been favored with any correspondence from yourself. Had I received any communications from you, rest assured my dear sir, that I should have been only too glad to have acknowledged promptly their receipt.

I note by your letter that you are desirous of obtaining a portrait of Mr. Edison, together with some printed matter relating to his work, and it gives me a great deal of pleasure to gratify this wish. I am sending to you by this mail, under separate cover a photograph of Mr. Edison, upon which I have had him place his autograph, and I beg that you will accept the same with Mr. Edison's compliments, as well as my own. I am also sending to you

Senor Pedro Trujillo. -2- May 22, 1891.

a book entitled "A DAY WITH EDISON AT SCHENECTADY," together with copy of a little pamphlet containing a sketch of Mr. Edison's life, as well as a brief account of each of his inventions, the perusal of which I trust you will find interesting.

I note all you say about our friend Mr. MacFadyen, whose strange disappearance has caused us all so much uneasiness. I assume that Mr. Hastings will have answered the inquiries which you make in your letter in this connection.

With best wishes, believe me

Yours very truly,

(Signed) W. Jade

Private Secretary.

May 26, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

With reference to your letter of 21st instant, asking if Mr. Edison would consent to the retaining of Hiram S. Maxim, to testify in our behalf, I beg to confirm the message which was telephoned to you from this office to-day in reply to your inquiry, to the effect that Mr. Edison approved of your retaining Maxim.

Yours truly,

Private Secretary.

P. S. I return herewith the papers which were referred with your letter above referred to.

May 27, 1891.

Alexander Elliott, Jr., Esq.,

Cochran House,

Newton, N. J.

Dear Sir:-

Your letter of 26th instant is at hand.

You may close with Wright at 25 and 5, and five hundred dollars.—

Leave the description of the property at Ogden blank.

I return herewith Wright's letter as requested.

Yours truly,

Thos A Edison

PS Henry Johnson Hill —
also - look sharp after Ingersoll's
Scrub Oak property

5/27/91.

N. M. Luce Esq.
Gen'l Mgr N. J. & Conty Mfg.
Dear Sir

The Phonograph Mfg.
will ship you by express tomorrow two flanges. This you kindly have them placed upon one of the concave tightening drums and run for a day or so.

The centre of drum shaft should be marked before blacking up the screws so that the same tension will be on each side when replaced. We do not think the flanges are as good a means of adjustment as the guide pulleys but all bearings ~~have~~ not actually necessary should be dispensed with for acct of the duck.

Kindly let us know results early as you can.

Yours Truly
Edison Laboratory.
Pmu.

Sketch enclosed.
New drums are 7½" yours 7".

27th May, 1891.

S. B. Paine, Esq., District Manager,
Edison Gen'l. Electric Co.,
Boston, Mass.

Dear Sir:-

Your letter of 20th instant reached me in due course, and I enclose herewith copy of a letter which I have to-day addressed to Dr. Coit, which I hope will have the desired effect. In case you succeed in obtaining this contract, please take pains to see that St. Paul's School is furnished with a first class plant - one that will give entire satisfaction.

Yours very truly,

Thomas A. Edison

27th May, 1891.

Dr. James Milnor Coit,

St. Paul's School,

CONCORD, New Hampshire.

My dear Sir,-

Mr. S. B. Paine, the Manager of the New England District of the Edison General Electric Company, has forwarded to me your card, together with a letter, informing me that his Company is negotiating with you for the installation of a lighting plant in St. Paul's School. I am pleased to learn that you are contemplating the purchase of an electric lighting outfit for your School, and I have to-day written to Mr. Paine, saying that if you decide upon adopting the Edison system and awarding the contract to his Company, that he (Mr. Paine) must see to it that you are furnished with the very best plant that we can construct, and one that will embody all of the latest improvements. Rest assured that if you favor the Edison Gen'l. Company with the order, they will supply you with a plant which will be satisfactory in every respect.

Yours very truly,

Thomas A. Edison

May 23, 1892.

My dear Insull,-

I have your letter of 20th instant, in regard to the World's Fair. I agree with you that the Edison Company's exhibit and my own should be run together, and I believe that Stringer should be put in charge.

Yours very truly,

Samuel Insull, Esq., 2nd Vice-Pres't.,
Edison Gen'l. Elect. Co., New York City.

May 27, 1891.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

Mr. Edison has read your letter of 20th instant, with enclosures, in regard to a new set of crushing rolls that are being gotten up. In reply Mr. Edison says that if you can arrange for a small pair of these rolls to be sent to the Laboratory for trial, he would like it very much.

Yours truly,

Private Secretary.

27th May, 1891.

Jesse Seligman, Esq.,
Mills Building,
New York City.

My dear Sir:-

I enclose herewith a letter which I have received from Prof. Barker, of the University of Pennsylvania, relative to furnishing Prof. Hermann, of Konigsberg University, with a phonograph, for use in connection with the scientific investigation of the mechanism of speech. You will see by Prof. Barker's letter that the Trustees of the Elizabeth Thompson Science Fund, of which Professor Bowditch, of the Harvard Medical School, is President, and circular in regard to which is also enclosed, have been authorized to expend three hundred dollars to aid Prof. Hermann to carry out his plans, and that as much of this sum as may be necessary is available for the purchase of a phonograph. I think we could afford to let these people have one of the new phonographs for $150. The instrument, as you will see, is to be used solely for scientific research. If you agree with me, please let me know at once, so that I can communicate with Prof. Barker, and inform him that we will furnish a phonograph at half price. Kindly return the correspondence with your reply.

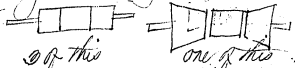
Yours very truly,

5/28/91.

N. J. & Pa. Coal & Iron Co.

Gentlemen:

Your letter of 27th in regard to pulleys received. We have succeeded in procuring all pulleys, hangers and pillow blocks except the carrying pulleys. Will you kindly ship us early as you can



without any shafts — all for 1 3/16 shafts which you say is the size you use in both mills. The 50 yds of canvas belt should come with the pulleys (as per our letter of May

Yours Truly,

Orion Laboratory.

May 28, 1891.

Philip S. Dyer, Esqr.,

Antwerp, Belgium.

Dear Sir:-

With reference to the sale of the Edison-Lalande battery in Great Britain, I enclose herewith copies of all the correspondence which has passed between Mr. Edison and The Electric Power and Lighting Co., Limited, London, England, upon this subject. In Mr. Edison's letter of to-day addressed to the Secretary of the Company, he informs him that the matter has been referred to you. I would, therefore, ask that you call and see these people at the earliest possible moment.

Yours very truly,

Private Secretary.

COPY.

THE GENERAL ZINC RECOVERY & LIGHTING COMPANY LTD.

London 2nd February 1891.

Dear Sir:-

Some months ago you were in communication with Mr. Ferguson, one of the Directors of this Company, as to the Delande & Chaperon Patents.

This Company as you are aware is the owner of these patents for Great Britain with the exception of Scotland, and as we understand you have interested yourself in them in America possibly you might be disposed to make this Company a cash offer for the Patents.

I shall be glad to hear from you on the subject.

Yours faithfully,

(Signed) J. M. Henderson,
Secretary.

Edison, Esq.,
Electrician,
Menlo Park, New York, U. S. A.

Orange, N. J. February 17th, 1890.

[illegible], Esq., Secretary,
[illegible] Electric Recovery & Lighting Co. Ltd.,
Moorgate St. Bldgs., LONDON, ENGLAND.

Dear Sir:-

I beg to acknowledge the receipt of your letter of [illegible] in regard to Lalande-Chaperon Patents. Under license from [illegible] Lalande and Chaperon I am manufacturing these batteries for sale in the United States and other countries, and would be glad if a reasonable working arrangement could be made permitting them to be placed on sale in that part of Great Britain which is controlled by your Company. I do not desire to purchase a title to these patents, but I am willing to pay a fair royalty on sales made within your territory. If such an arrangement as this might not be satisfactory to your Company, perhaps an arrangement could be made whereby you would purchase the cells from me and market them yourselves in Great Britain, in which case I would have the Edison Manufacturing Company figure on the lowest possible prices at which these could be delivered to you. I send to you under separate cover some of the catalogues recently issued which show the improvement made by myself in the design of these cells, and containing letters from users of the battery expressing satisfaction with its operation. I have invested a very large amount of money in establishing a factory for the Edison-Lalande battery and should be glad to add to its output a supply of cells for Great Britain. The centralization of manufacture enables the lowest prices to be secured, and I am sure if you are willing to contemplate an arrangement of the kind that satisfactory prices could be made to you by the Edison Manufacturing Company.

The battery is meeting with splendid success in this and adjacent countries, and it would without doubt be well received in Great Britain.

Yours very truly,

(Signed) Thos. A. Edison.
T.

COPY.
B.

THE GENERAL ZINC RECOVERY & LIGHTING COMPANY, LTD.

London, 13th March, 1891.

Dear Sir:-

I duly received your letter of the 17th ultimo, together with the two catalogues for which I am much obliged.

To enable my Directors to come to a decision will you kindly say, 1st. What royalty you would suggest should be paid? 2nd. Through what channels you would propose to dispose of the Cells in this Country, and 3rd. What would be the lowest cost at which you could supply the Cells to this Company in case they should decide to push the sales themselves?

An early reply to the above will greatly oblige

(Signed) J. M. Henderson,

Secretary.

Thos. A. Edison, Esq.,

The Edison Manufacturing Co.,

Orange, N. J., U. S. A.

COPY.
B.

Orange, N. J. April 16th, 1891.

Secretary,
The General Zinc Recovery
and
Lighting Co. Limited.
London, E. C. ENGLAND.

Dear Sir:-

I beg to say in reply to your letter of 13th ultimo, answering the three questions which you ask therein, first, that I am willing to pay your Company the same royalty as I pay Messrs. Lalande & Chaperon, for the privilege of selling Edison-Lalande cells within the territory for which you hold the patent rights -- that is to say, 5 cents per litre capacity of each cell. I enclose herewith a sheet upon which are illustrated the various types which are made by the Edison Manufacturing Company, showing the litre capacity of each and the amount of royalty. Second. In regard to channels through which I would propose disposing of the cells in your country, this would depend altogether upon subsequent circumstance. The agent for the battery in such European countries as we have the privilege of selling in is Mr. Philip S. Dyer, of Antwerp, Belgium, the foreign representative of the American Edison factories. I would place the cells primarily in Mr. Dyer's hands and leave to his judgment the formation of a connection with local selling agents.

Third. With respect to the lowest cost at which our factory can supply these cells to your Company, in case you should decide to push the sale yourselves, I have had the very lowest costs ascertained, and would allow you a discount of 35% from the list prices quoted in our catalogues which are already in your hands, for orders of not less than five hundred cells. The very largest discount which we allow to the largest dealers in this country is 30% and 15%.

I am sending you, under separate cover, some copies of a "Medical Catalogue" issued by the Edison Manufacturing Company. In addition to the batteries referred to therein, we have, since these catalogues were printed, made a galvanic battery and a endoscopic battery. The galvanic battery is not illustrated in the catalogue, as it was not completed at the time of the time this printing was done. You will find a description of it on page 8.

I believe this information will be sufficient to enable your Directors to reach a decision. Should your Company determine to handle the battery we will supply you with very full information giving the result of our experience and practice with respect to

large and small installations, and assist you in every way possible.

If your Company decide to accept a royalty and to permit the Edison Manufacturing Company to handle the business, I will be glad to receive early information to this effect, so that I may advise you with respect to certain points which should be embodied in a license agreement.

Yours very truly,

(Signed) THOS. A. EDISON.
T.

C O P Y.
J.B.

GENERAL ZINC RECOVERY & LIGHTING COMPANY, LTD.

LONDON, 9th April, 1891.

Dear Sir;-

re General Zinc Recovery & Lighting Co.

On the 18th March last I wrote you as per enclosed copy but have not yet received your reply.

As the time for our Annual Meeting is close at hand I shall be glad to have a reply from you in order that I may lay it before that Meeting.

Yours faithfully,

(Signed) J. M. Henderson.
Secretary.

COPY.
AL

Orange, N. J. April 21st, 1891.

J. M. Henderson, Esq., Sec'y.,
The G. Z. R. & L. Co. Limited,
London, E. C. ENGLAND.

Dear Sir:-

With reference to your letter of 9th instant, received this morning: reply to your previous communication dated 13th March was unavoidably delayed. It goes forward, however, by this mail, under seperate cover.

Yours truly,

(Signed) THOS. A. EDISON.
T.

C O P Y.
B.

Orange, N. J. April 24th, 1881.

J. H. Henderson, Esq., Sec'y,
Gen'l, E. R. & L. Co., Limited,
London, E. C. England.

Dear Sir:-

I take pleasure in sending to you by this mail, under seperate cover, a copy of our electric telephone catalogue which we have just got out; also a copy of a cheaper catalogue, intended for general distribution, and in which you will find an illustration of our Galvanic Battery. Trusting that you will find the same of interest

I am yours very truly.

(Signed) THOS. A. EDISON.
By

C O P Y.
B.

THE GENERAL ZINC RECOVERY & LIGHTING COMPANY, LTD.

LONDON, N. C. England May 13, 91.

T. A. Edison, Esq.,

Orange, N. J., U. S. A.

Dear Sir:-

re General Zinc Recovery & Lighting Co. Ltd.

I am in receipt of yours of the 16th ultimo, the contents of which are noted and I have submitted same to my Directors.

The Annual General Meeting of the Company is to be held in the middle of June and your proposition will then be submitted to them for their final determination.

To enable me to meet the questions which are sure to be addressed to me I should be glad if you could give me an estimate (based upon your experience of American sales and the Royalty accrued due or paid to Lalande & Chaperon) of what this Company might reckon upon as an income from the arrangement.

You will quite understand I do not wish in any way to bind you but simply to give me your own estimate as a guide.

I should be glad if you could let me have that as soon as possible so as to be here in time for the Meeting.

Yours faithfully,
(Signed) F. M. Henderson,
Secretary.

May 23, 1903.

Mr. R. A. Parker,

Ft. Myers, Fla.

Dear Sir:-

With reference to your letter of [illegible] instant, Mr. Edison has communicated with Mr. Hibble regarding the price at which he would be willing to sell the engine and pump referred to, and he has also instructed Mr. Hibble to advise you in regard to the matter. Mr. Edison is unable at present to place a price on the other articles mentioned, but will do so later.

Yours truly,

Private Secretary.

28th May, 1891.

Mr. Wm. E. Hibble,

Ft. Myers, Florida.

Dear Sir:-

Your letter of 12th instant was duly received by Mr. Edison.

H. A. Parker, of your city, has written Mr. Edison, asking for price of engine, pump, belts, shafting, and a chest of tools. So far as the engine and Deane pump are concerned, the former cost $750, and the latter $62, and Mr. Edison will sell both of them at the price named, less 15%, for cash, and the other articles in proportion. To enable us to determine the cost of the latter, it will be necessary for you to inform us as to the size of the belts and shafting and to send us a list of the tools in the chest referred to. Please furnish us with this information as early as possible, and in the meantime you might communicate with Mr. Parker regarding the boiler and engine.

Yours very truly,

Private Secretary.

May 23, 1891.

Thomas B. Connery, Esq.,

West Orange, N. J.

My dear Sir:-

I have looked over the descriptions of the Secor System of Marine Propulsion that you left at the Laboratory. It looks all right, but, of course, the only way to test its efficiency and practicability is by experiment.

In regard to making an appointment to meet Mr. Secor, I regret that I cannot do this. At the present time I am so busily occupied, and my movements are so uncertain, that were I to make any appointments in nine cases out of ten I would be unable to keep them.

Yours very truly,

Edison

May 28, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 26th instant, enclosing certificates of the New Jersey and Penn'a. Concentrating Works for ninety-two shares of the Capital Stock of that Company, with transfer attached, the same being sent to me as further security for four hundred shares of the stock of the Edison General Electric Company loaned to you by myself, and on account of which I already held, as collateral, 260 shares of N. J. & Pa. C. Wks. stock, making a total to date of 352 shares, to be held by me as security for the said loan, as stated in your letter now under acknowledgement. I note that it is your intention to deposit further certificates of the same stock from time to time as the assessments are paid.

Yours very truly,

Thos. A. Edison

May 29th 1891

A. O. Pate Esq
Broad Street
New York

Dear Sir-

I beg to acknowledge receipt of your favor of 28th with enclosing certificates of the New Jersey and Penna Concentrating Works as follows:-

No 298- 33 Shares
" 309- 327 "
" 333- 34 "

There was also enclosed to balance the above transaction their check for $ 32.67/100

I have taken account of your information in regard to your handing the N. J. and Penna Concentr Works my checks under date of the 28th of May amounting to $ 36400.00/100

For the above kindly accept my thanks

Yours truly
Thos. A. Edison
R.

2nd June, 1891.

Henry C. Ware, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

On submitting to Mr. Edison this morning Summary of Phonograph Works Pay Roll for week ending 27th May, 1891, he desired me to remind you in regard to the length of time which was specified to the Edison United Phonograph Co. as necessary for the making of tools before work could be commenced on their machines. Mr. Edison says that from the looks of the pay roll it would seem that you are not doing much work on the tools, and he fears that you will not have them done in the time named by your Mr. Ballou.

Yours very truly,

A. Tate

Private Secretary.

A.

June 2, 1881.

Mr. R. D. Casterline,

No. 116 East 10th Street,

New York City.

Dear Sir:-

Your letter of 29th instant is at hand. I can give you employment here, in the field, in connection with the mining work which I am conducting, at a salary of twenty dollars per week. Please inform me when you can commence your duties.

Yours very truly,

Thos A. Edison

June 2, 1891.

H. M. Livor, Esq.,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I notice by the enclosed report that there is a loss of eight per cent on the tailings in Mill No. 2. There is absolutely no excuse for this, and I would like to have it explained.

Yours truly,

8@9 pct is all the tailings have before going through Machine. There is something wrong & you should be able to find it

June 3rd. 1891.

Mr. J. W. Gladstone.

Southern Hotel.

St Louis. Mo.

Dear Sir.

Your favour of the 1st, just to hand. I regret that I cannot send you the diagram asked for, I do not think that I saw one. The typewheels on the Buffalo instruments take 6 ⅞ cells, each, the motors the same, the life of battery in each case is about 100 days. The 70 cells put on the main line of the Gold & Stock has 2 wires on it, replacing about 250 cells of Callaud, this battery furnishes current for their two longest circuits, they also have a 30 cell battery that is used on the very short circuits. You will remember my writing you from Chicago, that the W. U. General Offices in Chicago, controlled all offices west of Buffalo and Pittsburg, and without their consent no office could adopt our battery. Mr Summers the Electrician of the District declined to permit us to put up a battery free until we could show a letter from Mr. Brown. As I understand it, we are depending on the success of the battery at Buffalo, for this letter, on account of the failure of the 30 cells, Mr Kitton wrote about, it is hardly advisable to ask for such a letter

June 3rd. 1891.

J. M. G. F.

Such a letter

just now. Mr Kitton will I am sure give us the very best letter he can, dont you think it would be well to write on the endorsement.

Yours truly

W. S. Logue.

[illegible] on

[illegible]tter/on account

[illegible] about, it is h[illegible] [illegible] letter

June 3, 1891.

Prof. Rob't. H. Thurston,

Cornell University,

Ithaca, N. Y.

Dear Sir:-

Mr. Edison has instructed me to inform you that he has referred to Mr. Samuel Insull, 2nd Vice-President of the Edison Gen'l. Electric Co., your letter of 30th ultimo, relative to supplying your School with a sample of each of the new forms of apparatus gotten out by the Edison Company. Mr. Insull will doubtless communicate with you on the subject.

Yours truly,

Private Secretary.

3 June, 1891.

H. H. Lixor, Esq., Gen'l. Manager,

New Jersey & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

My dear Sir:-

Your letter of 22nd instant is at hand and contents noted.

I will try and go up to Ogden when you are ready to experiment wit the heater. The locomotive lantern which I ordered is now at the Laboratory, but the front glass of the same got broken in transit. We are now fixing it up, making fittings etc., and a man is making a lamp for it. I will send the lantern to Ogden as soon as possible.

Have you got out door light there at present, and if so, how does it work?

Yours very truly,

June 3, 1891.

My dear Professor Barker,-

Your letter of 25th ult.mo, in regard to obtaining a phonograph for Professor Hermann, of Konigsberg University, for use by him in the investigations which he is conducting upon the mechanism of speech, reached me in due course of mail.

In reply I beg to say that I will be very pleased to do all I can to secure for Prof. Hermann a phonograph of the latest and best construction. The instrument in Europe is, however, controlled by the Edison United Phonograph Company, and a machine for use in Germany could only be obtained from them. I have referred your letter to the Foreign Committee of the Company, strongly urging that the application of Prof. Bowditch should be granted and a phonograph furnished to Prof. Hermann just as soon as the new machines are ready for delivery. I have also recommended that the instrument be supplied at half-price. Trusting that the United Company will consider the matter favorably.

Yours very truly,

Prof. Geo. F. Barker,
University of Pennsylvania,
Philadelphia, Pa.

3 June, 1891.

To the

Foreign Committee
of the
Edison United Phonograph Company.

Dear Sirs:-

I enclose herewith a letter from Professor Barker, of the University of Pennsylvania, relative to furnishing a phonograph to Prof. Hermann, of Konigsberg University, for use in connection with the scientific investigation of the mechanism of speech. The Trustees of the Elizabeth Thompson Science Fund (circular in regard to which is also enclosed), to whom Prof. Hermann made application for the phonograph in question, have been authorized to expend three hundred dollars to aid Prof. Hermann to carry out his plans, and as much of this sum as may be necessary is available for the purchase of an instrument. I would strongly recommend that the application of Prof. Bowditch be granted, and a phonograph of the latest and best construction furnished to Prof. Hermann just as soon as the new machines are ready for delivery. I would also recommend that the same be supplied at half price. This matter was previously brought before Mr. James Seligman, and it is at his suggestion that I now refer the latter

June 3rd, 1891.

of Prof. Barker to yourselves. Trusting that it will meet with your favorable consideration

I am, yours very truly,

6/3/91.

Mr. Jas. Condry & Co.

Gentlemen

A complete set of coils for one machine will be shipped probably to-morrow. It is expected that these coils will prove more efficient than the old ones and might increase the product 10% in quantity keeping quality as at present.

We would suggest that some machine be now selected and make from it separately tests of one feed to it, tests of tailings and concts.; similar tests to be made after new coils have been placed in position. — Thomas will be up on Monday next.

Yours Truly

Edison Laboratory.

April 9, 1891.

M. D. Barr, Esq., District Manager,

Edison Gen'l. Electric Co.

TORONTO, Canada.

Dear Sir:-

Mr. Edison has received the copy in French of the patent on Storage Battery which was sent to the Laboratory for test, and he is very much obliged to you for it. You say in your letter of 3rd instant that you also enclose the drawings. These, however, have not been received, the only enclosure being the copy of the patent. If it is convenient for you to send the drawings, they would be of much assistance to Mr. Edison.

Yours very truly,

Private Secretary.

June 8, 1891.

Messrs. Dyer & Seely,

#36 Wall Street, New York City.

Dear Sirs:-

I beg to acknowledge the receipt of your letter of 6th instant, enclosing Assignment from Messrs. King, Burgess, Herman and Churchill, to Mr. Edison, of a half interest in the invention of Edward P. King in Glass Making Apparatus, the same having been duly recorded in the Patent Office.

Yours truly,

Private Secretary.

June 8, 1891.

Mrs. M. Stilwell,

Menlo Park, N. J.

Dear Madame,-

I enclose herewith a letter from the Secretary of the Improvement Society of Menlo Park. Mr. Edison would like to have your opinion as to whether he should instruct the Society to remove the plank walk referred to or have it repaired. He does not desire to spend any money on it.

Yours truly,

Private Sec'y.

June 8, 1891.

H. M. Livor, Esq.,

N. J. & Pa. Concentrating Wks.,

Ogdensburgh, N. J.

Dear Sir:-

Mr. Edison has read your letter of 4th instant, and he says that if Mr. Jackson's statement as to the cause of high tailings is correct, every day's delay in getting Heater means a loss of over a hundred dollars.

Yours truly,

Private Secretary.

June 8, 1891.

Mr. R. D. Casterline,

#116 East 10th Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 4th instant, and has instructed me to say in reply that it will be entirely satisfactory to him for you to commence your duties on Monday, June 22nd. You will please report at the Laboratory on that date.

Yours truly,

Private Secretary.

June 8, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I beg to acknowledge the receipt from you of Swiss Patent No. 2881, dated August 25th, 1890, granted to me for an improvement in Electric Railways, Set No. 93; also French Patent No. 210,743, dated January 13th, 1891, granted to me for an improvement in Incandescent Electric Lamps, Set No. 97.

I note what you say in regard to its being necessary, in connection with the Swiss Patent referred to in the foregoing, to file a model or a photograph of the model, to make the said patent a complete one, and in reply I beg to say that I do not think it is worth while to comply with these conditions.

Yours very truly,

Thos A Edison

June 8, 1891.

W. S. Perry, Esq., Treasurer,

New Jersey & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I beg to advise you that the check for $5,000.00 which accompanied your letter of 2nd instant was to-day handed to Mr. George Richards, of Dover N. J., by Mr. Edison. A receipted voucher for the amount goes forward to you to-day under separate cover.

Yours truly,

Private Secretary.

June 10, 1891.

The Orange Club,

G. E. Zippel, Esq., Agent for Trustees,

East Orange, N. J.

Dear Sir:-

I enclose herewith my check for twenty-five dollars, in payment of the 2nd installment of 20% of my subscription for five bonds of the Orange Club. Kindly acknowledge receipt.

Yours truly,

Thomas H. Johnson

June 10, 1891.

Alfred O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Referring to the Convention of the National Phonograph Association which is to be held in New York 16th instant, and to Mr. Lombard's desire to bring to the Laboratory some of the delegates thereto, Mr. Edison says that he has no objection to Mr. Lombard doing this. He would like, however, to be informed as to the date upon which Mr. Lombard will visit Orange, for the reason that he wants Mr. Ballou to have one of the new phonographs ready for inspection.

Yours very truly,

Samuel Insull

June 10, 1891.

H. M. Livor, Esq., Gen'l. Manager,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I beg to confirm the following telegram sent to you to-day by Mr. Edison:-

"Bethlehem complains iron running down, phosphorous running up. Be careful or we will be ordered to stop shipping. EDISON."

Yours very truly,

Private Sec'y.

June 30, 1891.

John T. Devine, Esq., Manager,

Long Beach Hotel, LONG BEACH, L. I.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Mr. Edison will take cottage No. 15, Long Beach.

Thos. Maguire."

"Will reserve cottage 15 at Long Beach for Mr. Edison. J. T. Devine."

Yours truly,

Thomas Maguire

B.

June 10th, 1891.

Bethlehem Iron Co.,

South Bethlehem, Pa.

Dear Sirs:-

I beg to confirm the following telegram sent you to-day:

"Please send to the Edison Laboratory Orange, all the castings mentioned in your letter of 8th immediately by express. We shall be glad to receive your B analysis later when completed.
EDISON.

Yours truly,

Thomas A. Edison

June 10, 1891.

Mr. O. J. Conley, Sup't.,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

At Mr. Edison's request I send to you the enclosed invitation received from Mr. P. Callaman, of the Limestone Quarry, South Bethlehem, N. Y., to witness a big blast to take place at his quarry on the 16th instant, when it is expected 60,000 tons of rock will be dislodged. Mr. Edison thinks that it might be worth your while to go and see this, and he would like to know what you think about it. Please reply by return mail, and return the invitation, so that its receipt may be acknowledged to Mr. Callaman.

Yours truly,

Private Secretary.

The Bethlehem Iron Company,

South Bethlehem, Pa.

June 10, 1891.

Dear Sirs:-

I am very much obliged for your letter of 9th inst., enclosing report of analyses of concentrated ore received by you during April and May, 1891.

The reason why the iron decreased is, because we had got down to the bottom of our Stock House, which was filled with ore made during the first run of the mill. Hereafter I think that there will not be much change, and that the iron will run up and the phosphorous run down. I am making an additional attachment which will have the effect of running up the iron still higher and the phosphorous very much lower.

Yours very truly,

Thos A Edison

June 10, 1891.

Mr. Henry C. Ware,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I have received Summary of your Payroll for week ending June 3rd, 1891. I do not see that you are doing much work on the new tools for the phonograph, or on the other for seven ore milling machines. I would like to hear from you in regard to the progress that is being made in connection with these matters.

Yours very truly,

Thos. A. Edison

A.

10:12 a.m.
June 10th 1891

June 10th 1891

P. F. Gieser,
Bethlehem, Pa.

Batchelor wants a pair smoothed faced
belts for crossing. Please have best pair
shipped to Cold Spring, N.Y. on Hudson
River Railroad. Answer if you understand.

T. A. Edison.

WS

June 11th, 1891.

Thomas R. Lombard, Esqr., Vice-President,

North American Phonograph Company, # 10 Wall Street, N.Y. City

Dear Sir:-

I beg to say, that I have heard from Mr. Edison, who says that he will be glad to have you bring some of the members of the National Phonograph Association to the Laboratory, but he would like a few days notice, as to the date when they will be there, so that he can arrange to have one of the new phonographs ready for inspection.

Please write direct to the Laboratory, notifying them of the day you intend going out.

Yours very truly,

Private Secretary.

June 11, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York.

Dear Sir:-

The following is a list of the property which Mr. Frank McGowan left in my house at Orange:-

3 Violins
2 Violin Cases
2 Violin Bows
1 Large Photograph of Mr. Edison
1 " " " Mary Anderson
1 Trunk (contents unknown)
1 Rubber Riding Coat.
1 Grip Sack
1 Copy of De Beriot's Violin Method
1 " " Mazas' " "
1 Overcoat.
1 Sack Coat
34 Volumes of miscellaneous literature
Several pieces of sheet music
a bundle of old cast-off clothing.
a bundle of correspondence, papers etc.
A number of garments used by McGowan on his South American trip, all of which are in an advanced stage of dilapidation.
1 pair of slippers.
1 pair of laced shoes.

Yours truly,

Thomas McGowan

June 11, 1891.

Charles Batchelor, Esq.,

No. 33 West 25th Street,

New York City.

Dear Sir:-

I beg to advise you that Mr. Edison has ordered F. F. Gildea to ship to you at Cold Spring a pair of the small 10" Cornish Rolls at present at Bechtelsville.

Yours truly,

Private Secretary.

June 11, 1891.

Mrs. E. B. Harrington,

#1230 Seventh Street,

Port Huron, Michigan.

Dear Madame,-

Mr. Edison has read your letter of 4th instant, and he has instructed me to return to you the enclosed subscription paper which accompanied your communication. As you will see Mr. Edison has put his name down for fifty dollars.

Pursuant to Mr. Edison's instructions I am to-day writing to Mr. Will Serrelle, of Bayonne, N. J., informing him that he may visit the Laboratory.

Yours truly,

A. Tate

Private Secretary.

June 12, 1891.

Mr. A. C. Litterst, Sec'y.,

Improvement Society of Menlo Park,

Menlo Park, N. J.

Dear Sir:-

With reference to your letter of 4th instant, you may remove the plank walk which you refer to.

Yours truly,

Thomas A. Edison

B.

June 12th, 1891.

F. F. Gildea, Esq.,

Bechtelsville, Pa.

Dear Sir:-

I beg to confirm the following telegram sent you this A. M.:

"Ship the small ten inch cornish rolls to Batchelor.
EDISON."

Yours truly,

Thomas A. Edison

B.

June 11th, 1891.

H. M. Livor, Esq., General Manager,

N. J. & Penna. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I beg to confirm the following telegram which I sent to you this morning in reply to yours of even date, notifying me of the heater being ready:

"Impossible to come; telegraph me results.

EDISON."

Yours truly,

Thomas A. Edison

Jr.

June 11th, 1894.

F. R. Williams, Esq.,
Special Agent in charge of Manufactures,
Dep't. of the Interior, CENSUS OFFICE,
Washington, D. C.

Dear Sir:-

Your letter of 1st instant, in regard to telegraphing from moving trains, was duly received by Mr. Edison. The system of train telegraphy referred to is controlled by the Railway Telegraph and Telephone Company, New York City. Mr. Edison is not familiar with the Company's operations, and he is therefore unable to give you much information on the subject. The Lehigh Valley R. R. is the only railroad upon which this system of train telegraphy is in operation. Mr. Edison suggests that you communicate with the Railway Tel. & Tel. Co., from which you could doubtless obtain detailed information. He regrets that he is unable to give you the Company's address in New York.

Yours truly,

Private Secretary.

June 11, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York.

Dear Sir:-

Referring to your telephone message of this morning, I beg to inform you that according to Mr. Edison's books there is due to Mr. Frank McGowan the sum of $191.62.

Yours very truly,

Thomas P. Maguire

June 12, 1891.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Please send to the mine at Dover, New Jersey, a machinist, to help Mr. Thomas Hays - one who has been on belt machine work, if possible. Please have the man start immediately, and render bill for his services to the New Jersey and Pennsylvania Concentrating Works.

Yours truly,

June 11, 1891.

M. Standish, Esq.,

No. 31 Nassau Street,

New York City.

Dear Sir:-

I have your letter of 3rd instant. If a successful separation of the Rhode Island ore to which you refer was effected in a Ball and Norton machine, and the titanium extracted, it is more than I could do.

We have tried in vain to deal with the Croft Mine Railroad people. We have stopped the negotiations and are now going to build a railroad ourselves.

Yours truly,

June 13, 1891.

Mrs. M. A. Parker,

Ft. Myers, Fla.

Dear Sir:-

With reference to your memorandum of 3rd instant, I beg to advise you that Mr. Edison has decided that he will not sell any of the machinery belonging to him at Ft. Myers. He may go down there next winter, and if so he will be able to make use of the machinery.

Yours truly,

A. Tate

Private Secretary.

M.

June 23, 1891.

Major James Evans,-

Fort Myers, Florida.

My dear Sir:-

I am very much obliged for your letter of 8th instant, portions of which I have noted. Your action in placing a man in charge of my property at Ft. Myers meets with my approval, and your arrangement to pay him forty dollars a month is also entirely satisfactory. The man can stay there on these terms.

I shall be very much obliged if you will continue to look after my interest in Ft. Myers and exercise a general supervision over the property, seeing that this man performs his duty etc. For this I will allow you one hundred and fifty dollars per year.

In regard to the machinery etc. in the laboratory, I have decided not buying much more. Now, as I am go down there right within a few weeks with the machinery. You may put those tools and the grinding pipe back on shelves and leave them in charge of Mr. Mayhew, a letter to the effect he may receive by mail.

Yours very truly,

Thomas A. Edison.

June 13, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison General Electric Company, New York.

My dear Sir:-

I have your letter of 11th instant, enclosing copy of letter from Mr. H. Ward Leonard, in which he suggests that the low volt lamp which we are making for alternating current circuits should be tested at the Lamp Works on an alternating current, just like the one which has been converted.

I discussed this matter with Leonard when he was at the Laboratory the other day. There is no need of our getting an Alternator, as we have one here now. Instead of everything necessary to subject the lamps to a good test. We are going to use a good many lamps at the Laboratory in testing the alternator, and it will not be necessary to subject the lamps to any additional test.

Yours truly,

Thos A Edison

June 13, 1891.

O. J. Conley, Esq., Sup't.,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I have your letter without date, in regard to the blast which is to take place at South Bethlehem, N. Y. on the afternoon of June 16th, 1891. It will be impossible for me to go to see this blast, as I am too busy to get away. South Bethlehem is in Albany County, New York, and I think you can get there by the West Shore Railroad. I return herewith the invitation, and it might be worth your while to go and see this blast.

Yours very truly,

Thomas A. Edison
M.

Mr. P. Callahan,

June 13, 1891.

South Bethlehem, N. J.

Dear Sir:-

I am very much obliged to you for your letter of 18th instant, enclosing invitation to a big blast which is to take place at your quarry on the 16th instant. I regret that it will be impossible for me to go and see this blast, but I have forwarded the invitation to one of my agents, Mr. O. J. Conley, and it is possible that he may be present when the blast takes place.

Thanking you for your invitation

I am, yours very truly,

Thomas A. Edison

June 13, 1891.

H. M. Livor, Esq., Gen'l. Manager,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

Your several letters of 11th and 12th instant are at hand, and I have noted contents of same.

If your ore is dry as you say, Why do you have 4% & 5% loss in tailings? This shows something wrong.

I note what you say in regard to experiment with heater and about playing the hose on stock pile. I think you will have a rain storm, and you can then feed only fines from your stock pile; this would be better than wetting.

In regard to my going up to Ogden, I am so very busy now, it is difficult for me to get away, but I will try and do so.

Washing ore reduces phosphorous half; hence dust from 2nd mill will certainly run it lower.

I note that you have an order for a car load of the extremely fine float of Mill No. 2; I have read your remarks in regard to this fine dust, and the same ~~is~~ all O. K.

Yours truly,

Thomas A. Edison

Jr.

Letterbook, LB-050

This letterbook covers the period June-August 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Thomas Maguire. Many of the letters pertain to the manufacture of phonographs and cylinder recordings and to Edison's relations with the North American Phonograph Co. and the Edison United Phonograph Co. There are also numerous letters relating to the business of the New Jersey & Pennsylvania Concentrating Works, including the leasing of mining properties and production problems at the Ogden ore milling plant. Other correspondence deals with the Edison-Lalande battery and strategies for marketing the battery in Europe. There are some documents relating to kinetograph experiments, the Edison phonoplex system, electric lighting and power, and the mimeograph. Beginning on page 381 is a letter by Edison listing recent improvements in the incandescent lamp. Included also are several letters concerning Edison's personal finances and the investments of his father, Samuel. The spine is labeled "From June 13, 1891 to Aug 24, 1891 No. ." The book contains 697 numbered pages and an index. Approximately 25 percent of the book has been filmed.

June 23, 1901.

Canadian Subscription & Publishing Co.,

#821 Craig St., Montreal, Canada.

Dear Sirs:-

Reply to your letter of 28th ultimo has been delayed owing to my absence.

Mr. Edison's eyes are of a bluish grey, his hair is iron grey, and his complexion somewhat sallow, inclining to pallor. He is of stout build, and about 5ft. 10in. in height.

Trusting that this information will be suitable for your purpose

I am, yours very truly,

Private Secretary.

June 16, 1891.

Mr. E. C. Felton, Sup't.,

Pennsylvania Steel Company,

Steelton, Pa.

Dear Sir:-

We have tested the eight samples of bars referred to in your letter of 5th instant, and we have instructed our Schenectady Works to send you a pattern of a machine for a steel casting. In this casting please keep the carbon within .15; lower, if possible, but not higher. The phosphorous may be up to .1, the manganese up to .5, the silicon up to .2, and the sulphur up to .05. It is of course desirable that these should all be as low as possible, but within these limits you can select whatever quantities may be necessary in order to get the casting free from blow holes. We should be further obliged if you would send us two or three rings cast from the same heat by which we can arrive at the magnetic quality of the metal in the machine you will send up from Schenectady, and also analyses of the same.

Yours truly,

EDISON LABORATORY

By A. H. K[illegible]

June 15, 1891.

Edison United Phonograph Co.,

G. N. Morison, Esq., Sec'y.,

Mills Building, New York.

Dear Sir:-

Referring again to your letter of 8th instant, in regard to the mailing cylinders which you have been sending through the mails to and from Europe, I notice in connection with each of the cylinders which you sent to me, that the postage stamp is placed on the box. I think it is a great mistake to place the postage stamp there, because the post office officials in cancelling the stamp are almost certain to damage the cylinder, the box not being strong enough to stand the pressure. I think it would be a good idea to have tags printed something like the one enclosed herewith, and to instruct correspondents to always place the stamp on the tag instead of the box. If there is nothing on the tag to indicate what is contained in the box, the post office officials will open it.

Yours truly,

Thomas A. Edison

June 15, 1891.

Col. George E. Gouraud,

Edison House, Northumberland Ave.,

London, W. C., England.

Dear Sir:-

I sent to you by Saturday's steamer 3 1/2 dozen duplicates of the two phonograph records which were made by yourself and Mr. Moriarty when at the Laboratory. There are 18 of one kind and two dozen of the other. An accident happened to the record, of which there are 18, and the duplication is not as good as I would like. You will, however, see how distinct the duplicates are. We can duplicate any cylinders that you have, provided they are smooth records.

Yours very truly,

Thomas A. Edison

B/

June 15th, 1891.

Prof. H. P. Bowditch,
Harvard Medical School,
Boylston & Exeter Sts.,
Boston, Mass.

Dear Sir:-

Your letter of 8th instant was duly received by me, and I have forwarded the same to the Edison United Phonograph Co., Mills Building, New York City, with the request that they communicate with you direct in regard to the phonograph for Prof. Hermann

I hope that the Company may see their way clear to supply this instrument promptly.

Yours very truly,

Thomas A. Edison
M.

June 16, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith a letter under date 9th instant, which I have received from Messrs. Schoff and Fairchild, New York City. Mr. Edison bought thirty-nine shares of the Capital Stock of the Westman Furnace Company. A sufficient number of these shares were given to me to qualify as a Director. Messrs. Schoff and Fairchild are apparently notifying the stockholders that they own stock in the Company, but I do not understand the significance of the notification. Can you explain it?

Yours truly,

A. Vaile

Private Secretary.

A.

June 16, 1891.

Mr. G. Don Porter,
The Liebel House,
Erie, Pa.

Dear Sir:-

Replying to your letter of 11th instant to Mr. Edison, the invention therein referred to is not yet ready for the market.

Yours truly,

Private Sec'r.

June 16, 1891.

Bethlehem Iron Co.,

Mr. R. W. Davenport, Ass't. Sup't.,

South Bethlehem, Pa.

Dear Sir:-

We have received and tested the twelve experimental castings, A 1 to 6, B 1 to 6, referred to in your letters of the 8th and 11th instants. We have found that the B castings are superior to the A's, generally, A 1 containing the most blow holes, and, in fact, being unfit to test; A 3 is next to it in inferiority. On the other hand, No. 4 B does not seem to have a single blow hole, and is also the best from a magnetic point of view. 5 B and 6 B are next to it in mechanical and magnetic order. If you can succeed in duplicating any of these (4, 5 & 6 B), particularly No. 4 B, our Works at Schenectady will be quite satisfied. They have been instructed to forward to you to-day, by express, a pattern of a machine for a trial casting in steel. Will you be so good at the same time that you cast this, to give us one or two rings from the same heat, to be forwarded to us for test when you send the casting to Schenectady. Please keep the carbon as low as possible, adding such other ingredients as you may consider necessary in order to secure fluidity. Of course the less impurity so

added, the better will be the magnetic result.

Yours very truly,

H. S. Pohlman

June 16, 1891.

Mr. A. Verne,

Cie. Continentale Edison,

Paris France.

My dear Verne,-

This will serve to introduce Mr. C. C. Henderson, Engineer-in-Chief of the Edison General Electric Company, who goes abroad for a few weeks' rest. Mr. Henderson will be very much interested in anything you can show him in connection with electric lighting or kindred interests in Paris, and I will appreciate very highly any courtesies you may extend to him.

Yours very truly,

June 16, 1891.

My dear Mr. Forbes,-

Permit me to introduce to you Mr. J. C. Henderson, Engineer-in-Chief of the Edison General Electric Co., who goes to Europe to recuperate his health after a somewhat tedious illness. Incidentally Mr. Henderson would like to observe the present practice in England with respect to railway construction and operation, and more especially where electricity is employed as a motive power. I shall be greatly indebted for any courtesies which you may extend, for which I beg to thank you in advance.

Yours very truly,

June 16, 1891.

J. E. H. Gordon, Esq.,

No. 11 Pall Mall, LONDON, S. W.,

England.

My dear Sir:-

I desire to introduce to you Mr. J. C. Henderson, Engineer-in-Chief of the Edison General Electric Company, who will present this letter shortly after his arrival in London, where he goes to take a short vacation and to recover from the effects of a somewhat protracted illness. Mr. Henderson would like to employ a few of his spare moments in observing your practice in England in the construction and operation of Central Electric Lighting Stations, and I will be much indebted if you can give him facilities for doing so. Permit me to express now my appreciation of your courtesy.

Yours very truly,

June 10, 1891.

Mr. George S. Hunt,

Patchogue, L. I.

N. Y.

Dear Sir:-

Your letter of 9th instant to Mr. Edison has been duly received. It is Mr. Edison's intention to give a stereoscopic effect to the pictures taken in connection with the Kinetograph, and a long and extensive series of experiments have been conducted thereon at the Laboratory, very good results being obtained. This has all been incorporated in the patent. Thanking you for your letter and for your interest in the matter

I am, yours very truly,

Private Secretary.

June 17, 1891.

G. N. Morison, Esq., Secretary,

Edison United Phonograph Company,

Mills Bdg., New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 15th instant. You will recollect that when I saw you on Saturday you told me that Mr. Edison had agreed with Mr. Moriarty to give your Company three or four new machines which are now at the Phonograph Works, and that I stated to you that if such an agreement existed I would see that the phonographs were sent forward to you. I have spoken to Mr. Edison about these machines, and he has informed me that he told Mr. Moriarty that he did not think it would be possible for him to let these machines go, as it is necessary to use them for models in connection with manufacture, but that he would ascertain if it were possible to spare them. There was absolutely no agreement to deliver the machines, and upon investigation Mr. Edison found that it would be practically impossible to let them go, for the reason that without them regular manufacture would be greatly retarded. They are required in different parts of the shop where the various details of manufacture are un-

ried on. It is apparent that you have misunderstood Mr. Moriarty.

I have in my hands a statement of the Works of bills rendered to you dating back as far as February last, and amounting to $3,851.85. You have paid on account of these bills, May 22nd, credit memorandum $33.70; June 12th, cash $475.29; and the $300 which you gave me on the last named date has also been credited to the same account, making the total payment $808.99, and leaving a balance of $3,042.86, about which I will call and see you tomorrow.

Yours very truly,

Private Secretary.

June 17th, 1891.

Pennsylvania Steel Co.,

E. C. Felton, Esq., Sup't.,

Steelton, Pa.

Dear Sir:-

In reply to your letter of 16th instant, I beg to say that provided you keep the carbon very low, for example below .15, it is indifferent what other elements are added, so long as the total impurity is say within half of 1%. In other words, you can add phosphorous, manganese or silicon, sufficient to obtain a good casting, of course endeavoring to add only just what is required.

Yours very truly,

Thomas A. Edison

A.

B.

June 18th, 1891.

Philip S. Dyer, Esq.,

Rue Osy 43

Antwerp, BELGIUM.

Dear Sir:-

Referring to my letter to you of 28th ultimo, in regard to your entering into communication with the Gen'l. Zinc Recovery & Lighting Co., Ltd., of London, on the subject of the Edison Lalande Battery, I enclose herewith a letter which I received a few days ago from Mr. J. M. Henderson, Secretary of the Company. You will observe that their annual meeting has been postponed, which is a favorable indication. Be kind enough to follow this matter up vigorously, and if it all possible, please give it your immediate attention. Mr. Henderson's letter of the 13th of May was replied to by me on the 28th of that month. A copy of my reply was included with the other correspondence which you received with my last communication.

Yours very truly,

Thomas A. Edison

June 18, 91.

H. M. Livor, Esq., Gen'l. Manager,

New Jersey & Penn'a. Concentrating Wks.,

Ogdensburgh, N. J.

Dear Sir:-

I have read your several letters of 15th and 16th instants. I do not think that you should run the Belt Machines to get a greater product than will assay 69.5, or thereabouts, as the Bethlehem people are very particular about the phosphorous. On the other hand, I do not think you should delve round for richer ore, but continue working the mine as we started it, taking in everything. What is more essential than anything else, to my mind, is to get the mill working in first class manner night and day. I learn from Mr. Tate and Mr. Perry that there are 80 men already employed in the two mills, and on the engineering force, which is away beyond anything that you estimated. There seems to be a great necessity for a number of men who are apparently occupied in watching things that are breaking down continuously. What we want more than anything else is perfection in the operation of the mill, and when that is attained, then we can talk about other matters. Yours very truly,

T. A. Edison

June 18th, 91.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

With reference to the enclosed message from Mr. Marcus, my iron process is applicable to the Alsatian ores referred to. I myself visited the place in Alsace where the ore is obtained. Some time ago Mr. Villard sent to me two or three barrels of the ore, but by some mistake the contents were dumped out at my Laboratory and lost. I would like to test the ore again, and would be obliged if you would arrange to have the parties send me a further sample of about 50 lbs., taken from all over the pile.

Yours very truly,

Thos A Edison

June 18, 1891.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I enclose herewith press copy of a letter dated June 17th, from the Secretary of the Edison United Phonograph Company. I understand that the McMahon Brothers obtained eight nickel-in-the-slot phonographs and took them to Australia. Please ask Mr. Lombard if his Company sold any phonographs for use in Australia, and if they did not, ask him if he is aware that there were a number of machines sent to that country. As the phonographs in question are probably the property of the N. A. P. Co., I think that Mr. Lombard should be informed of the matter.

Yours very truly,

Thos A Edison

C O P Y.
E.

EDISON UNITED PHONOGRAPH COMPANY.

New York, June 17th, 1891.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

We do not think that your question in your letter of May 27th asking us from whom the McMahon Bros. obtained their Phonograph has been answered, and in reply we are advised that one Slot machine was found on exhibition in the vestibule of the Opera House in Melbourne, the inscription on the plate was the North American Phonograph Co., 364.

Yours very truly,

(Signed) G. N. Morrison,

Secretary.

June 18, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 11th instant, enclosing copy of another letter from Mr. Arango, the General Manager of the Edison Spanish Colonial Light Company, in regard to non-carburated carbons.

What I did not understand in Mr. Arango's previous letter was his statement to the effect that his friend carbonized the filament without carborating it. Mr. Arango's use of the term "carborate" is the first time I have seen it applied in this sense. Had he said "without flashing the filament," I would have understood what he meant.

Perhaps Mr. Arango is not aware of the fact that we do not flash or carborate our filaments, and never did so. Our filaments are made without flashing; and as no one has ever yet equalled us in this respect, I do not think there is any advantage to be gained by our investigating the process to which Mr. Arango refers. There are a great many similar processes, many of which have been

tried and proved to be failures; and as it takes six or eight months to determine absolutely the value of such a thing, and as our lamp test room is now full, I do not think it is desirable for us to undertake any new experiments in this direction.

Yours very truly,

Thos A Edison

B.

June 19th, 1891.

James P. Hall, Esq.,

Tribune Office,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 12th instant, and he regrets very much that he is unable to comply with your request, relative to conversing with you on the subject of his telephone for hearing solar disturbance. At the present time Mr. Edison is working night and day, and it is impossible for him to make appointments. Were he to do so, in nine cases out of ten, he would be unable to keep them. Besides, the stringing of wire at Ogden, for conducting the experiment referred to, has only just been completed, and many of the details have yet to be attended to. Therefore some time must elapse before Mr. Edison will be able to impart any new information on this subject.

Yours very truly,

Private Secretary.

B.

June 19th, 1891,

Samuel Insull, Esq.,

P. O. Box 3067,

New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between yourself and Mr. Edison to-day:

"Erastus Wiman and some friends want to visit Ogden Mill. Do you think we should allow this party to go there? He wants to go there to-morrow, as he will be in that neighbourhood. Please telephone reply. SAMUEL INSULL."

"It will be no benefit to permit him to go. He has a number of experts with him, and I am opposed allowing any body to go through. EDISON."

Yours very truly,

Private Secretary.

Jr.

June 19, 1891.

H. M. Livor, Esq., Gen'l. Manager,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

Your letter of yesterday's date has been received. I have never complained of your extravagance. It is the methods about which I complain. The wire to wind the magnet which was burned out has been ordered from Schenectady, and Mr. Krouni advised us on the 17th that it had already been shipped forward to Ogden. I think we should rewind all the magnets. If the new one which is to be rewound works satisfactorily, I believe in having them all rewound. We will get more magnetism and they will be comparatively cool.

Yours very truly,

Thomas A. Edison

July 20, 1891.

Alexander Elliott, Jr., Esq.,

First Nat'l. Bank Building,

Paterson, N. J.

Dear Sir:-

Your letter of 18th instant has been received.

I have examined all the Chester Range mines myself, and it will not be necessary for Lehman to examine them. You might take Hackleberney, Gurlick and Cooper, and the Peach Orchard mine in the town. The others are N. G.

Yours very truly,

Thomas A. Edison

Jr.

June 22, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Re Assignment of 42 Phonograph Patents. Mr. Edison has received your note of 18th instant, enclosing copy of your letter on this subject to the Edison United Phonograph Co., under date 18th June. Mr. Edison wants the reservations and the title of each patent in full, so he can see that the assignment does not refer to other matters.

Yours very truly,

Private Secretary.

June 22, 1891.

My dear Insull,-

I have done everything I can to get Mr. Edison to let Goodman make a pencil portrait, as requested by Mr. Minton, but Mr. Edison refuses absolutely to give the necessary sittings. I am very sorry that I have not been successful, as I know that you were anxious to oblige Mr. Minton.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

June 24, 1891.

George P. Mingsley, Esq.,

Orange, N. J.

Dear Sir:-

Mr. Rufus Mead, of 1240 Main St., Orange, called upon me a few days ago to see me in relation to the matter of dedicating a portion of Watchung Ave. to the Township of West Orange. He stated that a formal transfer to the township of that portion of the Avenue which abuts the property of the Edison Phonograph Works, was now before me. The township authorities say, through Mr. Mead, that if the Works will make this change, they will grade the Avenue opposite our property and flag the crossing of the Watchung Railway at the junction of Lakeside Ave. Will you be kind enough to advise me what action we should take.

We are suffering considerable hardship through the condition of Lakeside Avenue. During the spring this road is almost impassable. I want to make a move to have this road put in proper condition, and I wish you would prepare such kind of a petition as it would be necessary to present to the township officers. When I discussed this matter with you last, you told me we would have to obtain the consent of certain of the property holders along

the street. If you will furnish me with the proper form upon which to have the signatures of these people written, I will attend to filling it up.

Kindly give both these matters your early attention.

Yours very truly,

Private Secretary.

The Township Committee meet on Thursday Evening next. If you will let me have form asked for at once I will present it to them then

June 23, 1891.

Messrs. Ball & Biggar,

B e l l e v i l l e , Ont.,

Canada.

Dear Sirs:-

You will recollect about two years ago Mr. Edison and myself had an interview at Toronto with your Mr. Bell, and the latter was to obtain certain information with respect to the bonds covering the property of the Consolidated Gold Mining Company (I think this is their title) at Marmora. From correspondence had with you since then, and from the fact of no information having been received, I presume that Mr. Bell was not able to obtain the required data. Would you oblige me now by giving me the names and addresses of the gentlemen who represent a majority of these bonds. I believe one representative lives in Detroit and the other in Quebec.

Yours very truly,

Private Secretary.

June 23, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Private Sec'y.

Dear Sir:-

Will you kindly look up your files and read a letter dated Feb. 27th, 1891, which you addressed to Mr. Edison, in regard to the Mary Chandler mortgage for $1,000. I find that the papers in this connection were referred to several different people for information, and that when they were returned to the Laboratory you were not informed, as you should have been, of Mr. Edison's decision respecting the foreclosure of his mortgage.

I beg to advise you now that Mr. Edison does not desire to take advantage of the proposition made by Mr. Burnham, the attorney of the Mutual Life Ins. Co., who offered to permit Mr. Edison to foreclose, subject to the mortage of the corporation which he (Mr. B) represents. I presume that the Mutual Life people have already foreclosed without waiting the announcement of Mr. Edison's decision, which has so long been delayed. Will you kindly ascertain the status of the affair at the present time and let us know what the chances are for Mr. Edison getting back the amount of his loan. Yours truly,

June 23, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Your letter of 9th instant, attached to which is copy of a communication addressed by you to Major Eaton, on the subject of Electric Welding Patents, has again been brought to my attention.

In reply I beg to inform you that I am entirely too busy with other matters to take up this welding business. Besides which, I have no heart in it and am not at all inclined to give any thought to it. Perhaps you can make some arrangement with the Baltimore people to whom you refer in your letter.

Yours very truly,

Chas. Eddy

June 23, 1891.

Mr. O. J. Conley,

N. J. & Penn'a. Concentrating Wks.,

Ogdensburgh, N. J.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed letter from Mr. Insull, attached to which is a memorandum of certain specifications for a Reciprocating Electric Rock Drill. Mr. Edison desires to know if you can give him any additional points on this subject. In your opinion what should such a Drill be, and what should it be able to do?

Please return the enclosure with your reply.

Yours very truly,

Private Secretary.

June 23, 1891.

H. M. Livor, Esq., Gen'l Manager,

New Verpey & Ogden Concentrating Works,

Pensburgh, N. J.

Dear Sir:-

Mr. Edison has read your letter of 20th instant and says that he will try and visit Ogden at the end of this week.

Yours truly,

Private Secretary.

B.

June 22rd, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telephone message sent you to-day by Mr. Edison:

"I think you should say to Bowker that the proper way is to have specifications drawn up for a dynamo, not specifying how it shall be made, but what it shall do, and then let the General Company try and build it, and guarantee it; after that the Illuminating Company takes no risk, and get what they want. For instance: set forth the floor space and height,

that the economy shall be ninety or ninety-four per cent, that it shall have capacity of carrying double load for two hours without exceeding temperature of boiling water, that the sparking shall be no more than the best machines in the market, shall be convenient and easy of access."

Yours very truly,

Private Secretary.

June 24, 1891.

H. M. Livor, Esq., Gen'l. Manager,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I observe in the reports of the run of the mill which are sent to me daily that the percentage of iron in tailings of Mill No. 1 is abnormally high. On the 19th instant the loss was 9.38%. Mr. Dickson goes to Ogden to-night, at my request, to find out the cause of this trouble, which must be corrected immediately.

Yours very truly,

[illegible]

[illegible] tailings [illegible] iron in tailings [illegible] carelessly [illegible] any [illegible] reduction [illegible] 1 3/4 cents [illegible]

Copy.

Orange, N. J. June 24th, 1891.

H. H. Livor, Esq., Gen'l. Manager,

New Jersey & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I observe in the reports of the run of the mill which are sent to me daily that the percentage of iron in tailings or Mill No. 1 is abnormally high. On the 19th instant the loss was 9.38%. Mr. Dickson goes to Ogden to-night, at my request, to find out the cause of this trouble, which must be corrected immediately.

Yours very truly,

(Signed) E d i s o n.

P. S. There is scarcely ever more than 10% in tails, and even with scarcely any magnetism you ought get more than 1 3/4 unit out.

E.

C O P Y.

B.

Orange, N. J. June 23rd, 1891.

Mr. P. F. Gildea,

K o n v i l , N. J.

Dear Sir:-

I find that after the first of July next I will not require your services, and you will therefore please arrange to return at once, addressed to me at Ogden, whatever property you have belonging to the New Jersey and Pennsylvania Concentrating Works.

Yours very truly,

(Signed) Thomas A. Edison,

President

N. J. & Penn'a. Concentrating Works.

June 24, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Mr. Edison has instructed me to forward to you the enclosed correspondence from Harry L. Fraser, who was formerly employed in the Machine Works at Goerick Street, New York, where he met with an accident to his eyes, which resulted in the loss of his sight. You will see from the correspondence what Mr. Edison has already done for this man. His object in referring the matter to yourself is to ascertain whether you feel inclined to respond to Fraser's appeal for additional pecuniary assistance, and if so, if you will arrange to have something done for him. Mr. Edison feels that he has done all in this matter that could be expected of him.

Yours very truly,

Private Secretary.

June 24, 1881.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I have read your letter of 20th instant, re Silver Spring Tract, and in reply beg to say that I have all the land in that vicinity that I want and am not desirous of purchasing any of the adjoining property.

Yours truly,

Thos A Edison

June 24, 1891.

Major S. B. Eaton,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I have your letter of 19th instant, enclosing two documents found by you in a trunk of old papers left in your custody when the Machine Works moved from Duy Street, one of which appears to be a Sheriff's Deed to Charles Batchelor of certain lands in Menlo Park, and the other a proposed Deed to myself by Mr. Batchelor and wife of the same property, the first of which seems not to have been recorded, and the last of which has not been executed.

I return these papers to you herewith, and would request that you have Mr. Batchelor and wife deed back these lands to me. We had some trouble with the Menlo Park property, and the lands in question were transferred to Mr. Batchelor.

I am very much obliged to you for having directed my attention to the matter.

Yours very truly,

Thos A Edison

June 24, 1891.

F. R. Colvin, Esq., Treas'r. & Business Manager,

THE ELECTRICAL ENGINEER,

New York City.

Dear Sir:-

Mr. Edison has asked me to thank you for your letter of 19th instant, enclosing copy of your article on "The Phonograph in Business," which appeared in THE ELECTRICAL ENGINEER of June 17th. He read the article with much interest, and characterized it as one of the best he had seen on the subject.

Yours very truly,

Private Secretary.

June 25, 1891.

W. S. Perry, Esq., Treasurer,

New Jersey & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

Re Silver Springs Tract. Mr. Edison has received from Major Eaton a copy of his letter under date 24th instant addressed to yourself, requesting a check for $300 to the order of U. B. Watson, Treasurer, the amount of the purchase price of the mineral rights in the additional strip of 30 acres adjoining the land bought a month ago. Mr. Edison says that Major Eaton should be furnished with the check asked for. I assume, however, that the matter has already received your attention. I enclose herewith the letter which Mr. Edison received from Major Eaton and which accompanied the copy above referred to. Please return the same after perusal.

Yours truly,

Private Secretary.

June 25, 1891.

My dear Mr. Childs,-

I am very much obliged for the copy of your "Recollections" which you kindly sent to me. I have read the book from beginning to end, and there is not a dull page in it. Your reminiscences are delightfully entertaining, and many of the incidents and events to which you refer are of such interest, historically and politically, that the world will be grateful for the information which you convey concerning them. The great charm of the book, however, is in my opinion the kind, humanitarian feeling which pervades the whole of it, and which somehow makes one feel better after having read it.

With sincere regards and good wishes

Believe me, very truly your friend,

Thos. B. Reed

George W. Childs, Esq.,

Philadelphia, Pa.

June 26, 1891.

F. R. Colvin, Esq., Treasurer & Business Manager,

THE ELECTRICAL ENGINEER,

New York City.

Dear Sir:-

Mr. Edison is very much obliged for your favor of 24th instant, enclosing letter received by you from Frank Harrison, together with press copy of the appropriate reply which you made to the same.

This fellow Harrison is the most malignant, vicious and unscrupulous scoundrel we have ever met in all our experience. The statements which he makes concerning the phonograph are untrue, and every word he says is an absolute lie. He has hounded the phonograph from the very start, threatened to blackmail Mr. Lippincott, and, in fact, did everything which he possibly could to injure the enterprize. His animus is due to the fact that when the phonograph was introduced it bid fair to break up the school of phonography which he conducts in Newark, N. J. The fellow is a ninconpoop, void of influence, and not worth being bothered with. I return herewith his letter, as requested.

Yours very truly,

Private Sec'y.

June 26, 1891.

Mr. Tooke Straker,

P O R T O R A M , N. J.

Dear Sir:-

Your letter of 23rd instant has been duly received.

I am afraid to go into the furnace business. At present I have got all I can do in connection with the Concentrating Works, but perhaps my unbounded ambition will some day cause me to take up the furnace business; it will not be for some time yet, however, as I know nothing whatever about it.

Why cannot Mr. Wharton use some of our ore in the manner which you suggest, and make Bessemer pig of it? This he could sell to the Bethlehem people. He is one of their principal Directors.

Yours very truly,

Thos. Evans

June 27th, 1891.

E. E. Sheppard, Esq.,

No. 9 Adelaide St. West,

Toronto, Canada.

My dear Mr. Sheppard,-

It would give me a great deal of pleasure were I able to assist you in obtaining the phonograph mentioned in your letter of 23rd instant, but so many of my attempts to get phonographs for my friends in Canada have failed that I cannot hold out any hope in the present instance. The North American Phonograph Company have never arranged to do business in Canada, and although they have been approached by several responsible people anxious to take the matter up in that country, they have, for some reason which I am totally unable to explain, declined to negotiate. However, I will not let your request pass without making an effort to have it granted. I have written to the Vice-President of the North American Phonograph Co., and will communicate with you further as soon as I hear from him.

Yours very truly,

June 27, 1891.

H. M. Livor, Esq., Gen'l. Manager,

New Jersey & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

Your letter of 25th instant is before me.

Of course, the principal cause of loss in the tailings, is weak magnets, but Mr. Dickson tells me that these holes occur right along. He also tells me what you have not told me, that you are using a considerable number of 50 mesh screen plates, having neglected, I suppose, to order a supply for the future. I also learn through another source that you had to shut down Crusher at one time, having neglected to get a supply of oil.

Yours very truly,

[illegible]

June 27, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 26th instant, in regard to the assignment made by him of Colonial Light patents to the Brush Electrical Engineering Company, London. He notes the action of the Brush Company's attorneys in striking out from the form of license the words to which you direct his attention in your letter, and he says that this is all right.

Yours truly,

Private Secretary.

June 27, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 23rd instant, re Adams Patent No. 300,328, June 24, 1884, upon which we are being sued in St. Louis. He has also looked over the copy of the patent which accompanied your letter, and he can see no infringement whatever.

Yours truly,

Private Secretary.

June 29, 1891.

Samuel Insull, Esq.,

P. O. Box 3067,

New York City.

Dear Sir:

I beg to confirm the following telephone messages which passed between yourself and Mr. Edison to-day:

MR. EDISON TO MR. INSULL: I am going to Ogden to-night to stay. If there is no objection I want to take hold of the technical part of the concern. I propose getting 1500 tons daily out of that mill. Arrange things accordingly, and telephone reply. EDISON.

MR. INSULL TO MR. EDISON: I am very glad to hear that you are going to Ogden. All matters will be arranged here to-day, and Perry and Hart go to Ogden this afternoon. They will spend the night in Dover. I presume you will also. Please let me know. SAMUEL INSULL.

MR. EDISON TO MR. INSULL: I will spend the night in Dover. EDISON.

Yours very truly,

Private Sec'y.

June 29, 1891.

Mr. F. F. Gildea,

K E N V I L , N. J.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning, in reply to your letter of 24th instant:-

"Ship everything to Ogden. EDISON."

Yours truly,

Thomas A. Edison.

June 29, 1891.

Samuel Insull, Esq.,

P. O. Box 3,067,

New York City.

My dear Insull,-

I have your letter of 27th instant, informing me that Mr. Charles T. Porter is particularly anxious that we should take up his experiments on engines. I agree with Mr. Kreusi and Mr. Henderson in this matter and share their opinion that it would be a waste of money to conduct these experiments. Porter is evidently cracked.

Yours very truly,

Thomas A. Edison

June 30, 1892.

Messrs. Bell & Biggar,

Belleville, Ont.,

Canada.

Dear Sirs:-

I am very much obliged for your letter of 28th inst., in regard to the Consolidated Gold Mining Company. You mention the names of Col. Rhodes, and Mr. W. E. Stevens, and locate these gentlemen at Quebec and Detroit, respectively, but you fail to give me a more definite address for either. I note that you state your opinion to be that there would be no trouble about getting a sufficient quantity of bond-holders to make request for a foreclosure, and that you anticipated action to this end would have been taken before this. You believe further that if a possible disposition of the property were in view, more prompt action might be expected. I have only to say in reply to this portion of your letter that the conversation had with your Mr. Bell some two years ago was definite and to the point, but until the receipt of your communication under reply neither Mr. Edison nor myself received any intimation that the object which we had in view was understood. My recollection is that I addressed several letters

Messrs. Bell & Biggar. -2- June 30, 1891.

to you upon this subject without being able to elicit any information of a definite character, and I formed the impression that Mr. Bell's engagements were such that he had not time to give attention to the matter. I would like to meet some one representing the control of the Marmora property, if such a person exists. The conditions will admit of the bond-holders realizing some small fraction of their expectations, which, I take it, is better than nothing; but unless I can within a very short time enter into some tangible negotiation, I shall be compelled to drop the matter entirely.

Yours very truly,

Private Secretary.

B.

June 30th, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telephone message sent you to-day by Mr. Edison:

"Is the letter to accompany Duplicate Cylinders all right? Would like to ship samples. Should Lippincott object there is margin to pay the five cents extra royalty he asked. Then he would lose profits on cylinders. We are losing a trade that will net us Ten thousand dollars (10.000) a year by the delay. Please answer? EDISON."

Yours very truly,

Private Secretary.

June 30, '91.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to refer to you the enclosed letter received by Mr. Edison from a Mr. James H. White, of Port Huron, Michigan, in regard to the foreclosure of a mortgage on property upon which Mr. Edison's father holds a second mortgage. Mr. Edison would like you to look into this mater and report to him in regard to it.

Yours very truly,

Private Secretary.

July 1, 1891.

Tooke Straker, Esq.,

Port Oram, N. J.

Dear Sir:-

I am very much obliged for your letter of 27th ult'mo, and for the pass over the road of the Morris Co. Railroad enclosed therein.

We shall not bid up the price on Green Pond. The mine is not very suitable for our purpose, and I do not think Senator Jones is negotiating for it. We have made a survey and find some fair shoots at Green Pond.

Yours very truly,

July 1, 1881.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Your letter of 25th ultimo, in regard to the Chandler Mortgage, was duly received. Mr. Edison desires you to represent him in any foreclosure proceedings which may be instituted in this connection. He does not wish to bid for the property.

Yours truly,

Private Secretary.

July 1, 1891.

Mr. E. Biedmann,

Hotel du Lac,

Geneva, Switzerland.

Dear Sir:-

With reference to your letter of 9th ultimo, Mr. Edison cannot entertain the proposition contained therein.

The phonograph in Europe is controlled by the Edison United Phonograph Co., Northumberland Ave., London, W. C., England.

Yours truly,

Private Secretary.

July 3, 1891.

Mr. N. E. Smith,

N. Y., N. H. & H. R. R. Co.,

New Haven, Conn.

Dear Sir:-

Your letter of 27th ultimo, in regard to trouble which you are experiencing with your phonograph, is before me.

We have had phonographs here in the Laboratory which have acted in a manner similar to that which you describe. There are several ways of remedying the defect, some one of which we have generally found to be effective. One is to change the polarity of the battery. This you can do by simply reversing the connections. The trouble referred to occasionally exists in a phonograph that has been used a great deal and which runs very easily; and on investigation we have found that in such cases the machine has not had enough shunt on it. This can be determined by breaking the contact of the shunt and running the phonograph without any shunt at all. If you find that this eliminates the defect, the remedy is to put in more shunt. If the foregoing suggestions do not meet the case, the trouble must be caused by a bad contact somewhere. Assure yourself that there are no slipping of belts etc.

Yours very truly,

July 6, 1891.

The Pennsylvania Steel Co.,

Mr. N. C. Felton, Sup't.,

Steelton, Pa.

Dear Sir:-

We have been notified by our Schenectady Works that they have lately sent to you further patterns for larger castings. Will you be so good as to give us sample rings of the same heat for magnetic test, and send them here at the same time you ship the castings to Schenectady, and oblige

Yours truly,

EDISON LABORATORY

By

July 2, 1891.

Mehrvand Bey, Esq.,

Turkish Legation,

Washington, D. C.

Dear Sir:-

Your esteemed favor of 28th ultimo to Mr. Edison, making for information in regard to the KINETOGRAPH, has been duly received. Mr. Edison regrets very much that he is unable to furnish you with any particulars concerning the invention referred to additional to those that have already appeared in the press, as the experiments in connection therewith are not yet sufficiently advanced to permit of his doing so. An article on the subject, written by George Parsons Lathrop, was published in the issue of "Harper's Weekly" for June 13th, 1891, and if you have not already seen that article, the information contained therein might possibly be of interest to you.

Yours very truly,

Private Secretary.

July 6, 91.

Dear Mrs. Edison:-

The attached note was handed to me in Mr. Lamulle's office in New York. It appears that this man Heeps is not known to any of our people. I went to the District Attorney's office several days ago to obtain a permit to see Heeps in the Tombs, but the Warden of the prison had temporarily ceased issuing permits, and I could not get in. Mr. Weeks, one of the Assistant District Attorneys, one who you will remember crossed with us on "the Champagne," said that he would obtain a permit for me during the course of a few days and send it to me. Upon receipt of this I will visit Heeps and find out all I can about him and communicate with you further. From what I learn of the case, I do not think there is much hope for him. The murder was premeditated and absolutely without any justification.

Yours truly,

Mrs. Thomas A. Edison.

6th July, 1892.

A. B. Dick, Esq., President,

A. B. Dick Company,

Chicago, Ills.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 24th ultimo, in which you quote an extract from a letter that you have received from Mr. J. Lewis Young, of London, England. In reply I beg to say that the statements made by Mr. Young are, so far as I am concerned, entirely gratuitous and unauthorized.

During the year 1889 I gave a license to your Company pertaining to the sale of mimeographs in foreign countries, the terms of which were exclusive, and in which your rights are fully set forth.

Mr. Young's statement to the effect that he regards himself and those interested with him as having an absolute right to sell a copying apparatus called the Edison Mimeograph, I cannot regard as serious or earnestly intended, for the reason that Mr. Young must be aware that I have never authorized him to use my name in any connection whatsoever, and he certainly ought to know that I will not permit him to make an unauthorized use of it.

Yours very truly,

(Signed) Thomas A. Edison

30th June, 1891.

My dear Mr. Krupp,-

Absence from home prevented my acknowledging earlier the receipt of your very kind letter under date 6th of April last, in regard to the beautiful writing table implements you were good enough to send me, and which reached my hands safely and in perfect condition. I accept this gift with a great deal of pleasure, and your kindness in presenting it to me is very highly appreciated. Your idea in having the various articles included in the set consist of miniature guns, projectiles etc., thereby associating them with yourself, was a most happy one indeed, and the result could not be more felicitous than it is. The design of the articles is certainly appropriate, original and unique, and they constitute a most interesting and valuable souvenir. I have had the ink-stand and accessories placed in my "den" at home, where they are much admired by all who see them, the general verdict being that such an apparatus could have proceeded from no one but Krupp.

Rest assured, my dear Mr. Krupp, that I will derive much

satisfaction in making use of your beautiful present, for which I beg you to accept my sincere thanks.

Yours very truly,

(Signed) Thomas A. Edison

M.

To

Mr. F. A. Krupp,

Essen, Germany.

July 7, 1891.

W. S. Perry, Esq., Secretary,

Edison Ore Milling Co., Limited,

Edison Bdg., Broad St., New York City.

Dear Sir:-

The Edison Ore Milling Co. is indebted to Mr. Edison for the sum of $37,012.82. Mr. Insull informed me that he had arranged, or wished me to arrange, for a demand note from the Ore Milling Company for this amount. The balance is struck to June 1st. Will you please have the note prepared, and as further bills are rendered from time to time, we will settle them in the same way.

Yours very truly,

Private Secretary.

279½

H.F.

July 7th, 1891.

The North American Company,

Mills Building. New York.

Dear Sirs:-

I beg to hand you herewith bills for experiments conducted in my Laboratory in your behalf from October 1890 to May 1891, both inclusive, amounting to $11,678.60, which have been prepared in accordance with the terms of the contract between yourselves and me, under date of October 1st, 1890.

Yours very truly,

Thos. A. Edison

Enclosure.

July 9, 1891.

W. S. Perry, Esq.,

N. J. & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I beg to confirm the following message which was telephoned to you from the Laboratory this morning:-

"Mr. Edison is in a great hurry for the arc light plant ordered for Ogden. They have plenty of wire at Ogden. Therefore do not send any with the plant. A. O. Tate."

Yours truly,

A. O. Tate

Private Secretary.

A.

July 10, 91.

Mr. George F. Atwood,

c/o N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I enclose herewith a sketch of the 300 h. p. Condenser, with relation to which you addressed a letter to our Pattern Maker. The drawing shews that the upper part of the Condenser is to be made of wrought iron or steel plate, and a broken section is also shown. There are no figures for height. How do you want this?

In connection with this, the Phonograph Works inform us that they are unable to cast so large a pattern, for the reason that they have not the facilities to handle the cores.

Yours truly,

EDISON LABORATORY

July 11, 1891.

W. S. Ferry, Esq., Treasurer,

New Jersey & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I enclose herewith Mr. Edison's check to the order of the N. J. & Pa. C. Wks., for $3,239.91, which, together with the check for $1,000 sent to you recently and the amount due by your Company for experiments conducted during April and May, $2,560.09, covers the two calls upon the unpaid capital stock of your Company, due 16th June and 7th July, respectively.

Yours truly,

Private Secretary.

$3,239.91	
1,000.00	
2,560.09	
$6,800.00	

July 11, 1921.

G.N. Morison, Esq., Secretary,

Edison United Phonograph Co.,

Mills Bdg., New York City.

Dear Sir:-

I beg to inform you that work in connection with new tools is well under way. I spent this morning at the Phonograph Works and find that they are employing as many hands on these tools as is possible. It has been found that many of the old tools can, by slight alteration, be adapted for the new phonograph, and wherever it is possible to make such a change as this it is being done, which of course means a saving of considerable money. I beg to assure you that we will pay every attention to this work, so that it may be completed at the earliest possible moment.

Yours very truly,

Secretary.

July 12, 1901.

Personal.

My dear Insull,-

I spent part of this morning at the Phonograph Works. Ballou is in Philadelphia, where he has gone to make some purchases for the Concentrating Works. Out of a pay roll of nearly seventeen hundred dollars only $113 have been spent in connection with manufacture of new phonograph tools. I think Ballou has an idea that there are not going to be any phonographs built when these tools are completed, and therefore there is no reason why they should be hurried. Unless you want me Particularly in New York Monday Morning, I shall go to the Phonograph Works, as Ballou will be there then, and I can investigate this matter thoroughly with him.

While I was in the shop I looked into the matter of the manufacture of the Bates machines and tools. I understand from the foreman of the machine shop that they are going to make up a list of the tools that are already made and of those which have yet to be made. I tried to get some idea of what they had on hand to represent the large amount of money that has been spent in this connection, but their lists were not completed.

There was a balance against the Bates Company on the first of the month of about $3,400. The pay roll averages about $330 per

week. The man in charge of the work said he did not think they would have any completed machines out for two months.

Have showed me the new Price Book that they have gotten up for the North American Phonograph Company. It is in excellent shape and the prices are fairly computed.

The accounts which they are getting out for Major Batchelors being pushed as rapidly as possible. I think there is no doubt we will be able to hand them in some time next week. Also the bills from the Laboratory.

Yours very truly,

Samuel Insull, Esq.,

P. O. Box 3084, New York City.

[illegible] of [illegible] $3,400. [illegible]

July 13, 1891.

Messrs. Bell & Biggar,

B e l l e v i l l e , Ont.,

Canada.

Dear Sirs:-

Replying to your letter of 2nd instant, in which you state that you do not remember having any correspondence with me about the Harmera property, I beg to advise you that my first letter was addressed to you on the 4th January, 1890, and was accompanied by Mr. Edison's check for $100, as a retainer for your services. On the 10th, 21st and 30th of January, and 7th of February of the same year I received letters from your firm, containing certain information, which was, however, incomplete.

If a reasonable arrangement could be made with the people who control the property of the Consolidated Gold Mining Co., I think it quite probable that Mr. Edison would undertake to do some work there. He has examined the mines himself, and during the past year had an Expert report upon them, and these investigations show the character of the mine to be such as would not justify the expenditure of any large sum of money; but by the exercise of economy, together with the application of Mr. Edison's gold process, the property might be made to yield a small return, which

would be better from the bond-holders' point of view than its present unproductive state. I would propose leasing the property upon a minimum yearly guarantee, the bond-holders to have a definite percentage of the net profits, but not to be liable in the event of any loss. Mr. Edison at first had any idea of taking up the bonds, if they could be had at a fraction of their face value, but this arrangement would involve the investment of more money than the prospects warrant. Before making a more definite proposal, I must know that Messrs. Rhodes and Stevens are in a position to enter into such a contract. I am, of course, aware that they represent a large number of bonds and that their influence must therefore be strong with the rest of the holders of these securities, but I do not know whether they have an actual majority, and that this majority would permit them to lease the property. Will you kindly give me this information? I think it would be desirable for you to communicate with them, asking if they would entertain a proposition on the lines which I have suggested, unless you are sufficiently well informed of their views to answer for them. If anything is done it must be arranged at once, because in addition to the restrictions of a Canadian winter with respect to this class of work, Mr. Edison has interests elsewhere that will soon absorb all his attention, when it will be impossible for me to renew this subject with him.

Yours very truly,

Mr. [illegible] Private Sec'y.

[illegible] to which a small [illegible]

July 14, 1891.

Samuel Insull, Esq.,

P. O. Box 3,067, New York City.

Dear Sir:-

I enclose herewith press copy of a letter under date July 9th received by me from Mr. W. S. Perry, Secretary of the Edison Ore Milling Co., Limited, in regard to that Company's indebtedness to Mr. Edison, and the issuing of a demand note in payment of the same. It would seem from Mr. Perry's letter that the settlement of this matter in the manner indicated now rests with yourself.

Yours very truly,

Private Secretary.

July 15, 1891.

Major S. B. Eaton,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Re Proposed Suit to Settle Title to Silver Springs for Logan Tract. Of the two courses of action to be pursued in this matter, submitted in your letter of 7th instant, Mr. Edison favors the second, namely, to postpone the commencement of suit until after we get our facts. He says to try this course.

Yours very truly,

Private Secretary.

July 16, 1891.

Dear Mr. Edison,-

Your loan of Seventy-five Thousand Dollars with the U. S. Trust Company must be attended to by the 25th of this month. Perry has interrogated them, and they are willing to renew it for six months at six per cent, or they will renew for four months at 5 1/2%. It is not desirable to renew the note for four months, because that will make it fall due in November, which considering your present obligations would be most inconvenient. Shall I tell Perry to arrange for the six months renewal? If so, just mark O. K. on this letter and send it back to me.

Yours very truly,

Thomas A. Edison, Esq.,

Ogden, N. J.

July 16, 1891.

W. S. Perry, Esq., Secretary,

Edison Ore Milling Co., Limited,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 9th instant, advising me in regard to a Resolution of your Board of Directors at a meeting held in December last, in regard to issuing a demand note to Mr. Edison for the amount of his bills against your Company. I spoke to Mr. Insull about this matter yesterday and he said that he would certify the bills which we have rendered. These are all in your hands, and I wish you would present them to Mr. Insull at the earliest possible moment and forward a demand note as soon as you possibly can.

Yours very truly,

Private Secretary.

July 16, 1891.

My dear Mr. Wiman,-

Major Eaton has referred to me your letter of 7th instant.

There has never been any trouble with the Separators at Ogden. We do not lose one-tenth of what Heckscher loses in his tailings. Magnetic Separators are the least part of the problem of crushing 2,000 tons of ore in twenty hours. The trouble is the Crushing plant and the training of men.

Yours very truly,

Thos. A. Edison

Erastus Wiman, Esq.,

#314 Broadway, New York.

July 16, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith translation of a letter from Dr. Felix de Lalande, of Paris, which refers to certain U. S. Patents covering accumulators. It appears that Mr. Slattery of Ft. Wayne, Indiana, has had certain patents set aside. At any rate, such is Dr. de Lalande's understanding. I wish you would look into this matter and advise me of its present status. I should like to have copies of the U. S. Patents, the numbers of which are given in the enclosed communication.

Yours very truly,

Chas. L. Clarkson

July 16, 1891.

Philip S. Dyer, Esq.,

Rue Osy 43² Antwerp, Belgium.

Dear Sir:-

I have your letter of 4th instant addressed to Mr. Edison, in regard to the liquidation of the Gen'l. Zinc Recovery and Lighting Co., Limited. As soon as Mr. Henderson is in a position to discuss terms, we will be very glad to be advised of the arrangement which he would be willing to make.

Mr. Edison, as you know, is not at all favorably impressed with storage batteries, and I do not know that it will be possible to interest him in this particular instance. Your Antwerp office sent us a translation of a letter from Dr. De Lalande, asking Mr. Edison to take up his Accumulator for the United States. Mr. Edison is at present away from home, but I am obtaining full information upon the subject, which will enable me to place the matter intelligently before him upon his return. Personally I am very anxious to get control of a good secondary battery, as I believe it would assist the development of our primary battery business, in the same way that the alternating and arc light systems assist the regular Edison business. As soon as I am able to write you on the point, I will do so. Yours very truly,

July 16, 1891.

Philip S. Dyer, Esq.,

A n t w e r p , Belgium.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 30th ultimo, enclosing translation of a letter from Dr. Felix de Lalande, in regard to accumulators. Kindly inform the Doctor that we are looking into this matter, and as soon as we are familiar with the present situation, we will communicate with him through yourself.

Yours very truly,

Private Secretary.

July 17, 1891.

Thomas R. Taltavall, Esq., Editor,

The Electrical Age,

New York City.

Dear Sir:-

I beg to thank you in Mr. Edison's behalf for your letter of 16th instant, congratulating him upon the result of the lamp suit.

With reference to the questions which you desire Mr. Edison to answer, these questions concern the policy of the Edison General Electric Company, and it is not within Mr. Edison's province to respond to queries of that kind. I would suggest your interviewing the Second Vice-President of the E. G. E. Co., Mr. Samuel Insull, on the subject.

Yours very truly,

Private Secretary.

July 17, 1891.

To the Honorable,

The Postmaster General,

Washington, D. C.

S i r ,-

I beg to inform you that during the past eighteen months, the New Jersey and Pennsylvania Concentrating Works, of which I am President, has established at Ogden, N. J., a mill for the concentration of iron ores, which gives employment to some three hundred (300) workmen, who with their families constitute a comparatively large population.

A branch of the Central Railroad of New Jersey terminates at our door, and their service at present consists of three passenger trains per day.

The correspondence of this Company is extensive and important, and is dependent upon the Post Office at Ogdensburgh, N. J., which is distant three miles from our mill. The delays to which we are compelled to submit in consequence of this inconvenient arrangement are seriously detrimental to our business interests, and I therefore respectfully suggest to you the desirability of establishing a Post Office at Ogden. Our position there is permanent, and its scope will increase from year to year, and I sincerely hope that you will find it within your province to grant this

request.

Should my proposition meet with your favorable consideration, I wil be glad to name a reliable man for the position of Postmaster, if by doing so I can assist you, and meanwhile I beg to remain

Yours very truly,

Thomas A. Edison

President

N. J. & Penn'a. Concentrating Works.

July 18, 1891.

N. R. Smith, Esq., C. T. D.,

N. Y., N. H. & H. R. R. Co.,

New Haven, Conn.

Dear Sir:-

Your letter of 4th instant, has remained unanswered owing to my absence.

I believe the reason for the change produced by reversing the battery is attributable to the weakening of the field magnet poles in the motor, since the residual magnetism of the previous current would now be in opposition to the direct magnetism of the new current. This is the most reasonable explanation I can offer of the phenomenon.

I think you asked me for the resistance of the german-silver shunt in a previous letter. The resistance of this shunt is one ohm. The resistance of the field is 1.84 ohms; and of the armature .255, with the brushes on one bar.

Yours very truly,

July 2b, 1891.

Mr. E. Muller,

Sotteville - les- Rouen,

France.

Dear Sir:-

With reference to your letter of 8th instant addressed to Mr. Edison, with relation to his KINETOGRAPH, I beg to inform you that we no longer make our own emulsions for use in connection with that apparatus, and consequently have stopped using gelatine in any form.

Yours very truly,

Private Secretary.

July 20, 1891.

John Kruesi, Esq., Gen'l. Manager,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Will you please inform us where you obtain the aluminum castings which are used for your trolley wheel? We are about to make half a dozen Dipping Compasses, and wish them to be composed of as light a material as possible.

Yours truly,

EDISON LABORATORY

Chas. A. Ott

July 20, 1891.

W. S. Perry, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telephone message which I sent to your office from the Laboratory this morning:-

"I have heard from Mr. Edison. Please arrange to have United States Trust Company loan extended six months. A. O. TATE."

Yours truly,

A. O. Tate

Private Secretary.

M.

July 21, 1891.

Philip S. Dyer, Esq.,

Rue Osy 432,

ANTWERP, Belgium.

Dear Sir:-

I enclose herewith for your information copy of a letter under date July 18th received by Mr. Edison from Messrs. Dyer & Seely, with relation to the letter of Dr. de Lalande, in regard to his Accumulator, translation of which you sent to us a short time ago.

Yours very truly,

Private Secretary.

C O P Y.

B.

New York, July 18th, 1891.

Thomas A. Edison, Esq.

Dear Sir:-

We have your letter of the 16th instant, enclosing translation of letter from Dr. de Lalande. We find that Slattery has obtained a patent which seems to be substantially for the same invention as the patent of de Virloy and others referred to by Dr. Lalande, and we judge from this that Slattery has had an interference with this patent which has been decided in his favor. We have sent to Washington to have the matter investigated and will be able to report to you more fullly in a day or two.

We have ordered copies of the patents in question for you.

Yours truly,

(Signed) Dyer & Seely.

July 21st 1891

Sam'l Insull Esq
Second Vice President
Edison General Electric Co
New York

Dear Sir: The following is a list of my inventions which have introduced economy in lamp manufacture and which come within the scope of my contract with Your Company of October 1/90

(1) Washines for sealing-in lamps
(2) Use of straight inside part
(3) New platina seal
(4) Dipping of vacuum pump tubes in collodion (having in Lakes and Ohio)

There are other things outside the Lamp Factory which have not yet been used to any appreciable extent. Those which I have

[illegible] one new, and time
[illegible] for a view
[illegible], accepting the
platina. [illegible] the
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] and

July 22, 1891.

Mr. Heilman, Manager,
The Eden Musee,
New York.

Dear Sir:-

Permit me to introduce to you Mr. Walter H. Miller, one of my Phonograph Experts. I desire to obtain a few phonographic records of the Band now performing in the Eden Musee, and would be much obliged if you would kindly permit Mr. Miller to take a phonograph to your establishment and secure the records. In doing this he will not cause the musicians any inconvenience. Any courtesies which you may extend to Mr. Miller will be much appreciated by

Yours truly,

Thos A Edison

July 22, 1891.

R. Mead, Esq.,

#240 Main Street,

Orange, N. J.

Dear Sir:-

In reply to your note of this morning, I beg to say that I have never had an opportunity of reading the deed of Watchung Avenue. If you will submit to me a copy of this deed, so that I may familarize myself with its provisions, it will receive immediate consideration, but until this is done I can make no arrangement in regard to executing it.

Yours very truly,

Private Sec'y.

July 22, 1891.

Mr. A. Verne,

Cie. Continentale Edison,

Paris, France.

Dear Sir:-

I beg to acknowledge the receipt of your cablegram of 21st instant, reading:

"Do you intend coming here? VERNE."

and beg to confirm my reply, cabled to you to-day, as follows:

"N o , EDISON."

Yours truly,

Thos. A. Edison

Jr.

July 23, 1891.

Samuel Insull, Esq.,

P. O. Box 3,067, New York City.

Dear Sir:-

Re the attached letter from O. L. Smyth, No. 241 South Fifth Street, Philadelphia. Mr. Smyth telephoned to Mr. Ware the other day from New York, asking if the Phonograph Works would build a coin-slot-machine for him, which is designed to release a sheet of paper and an envelope. He states that he will use large numbers of these, but has not gone into any particulars. Please advise me in the matter and oblige

Yours truly,

Private Secretary.

Jr.

July 23, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith two agreements between T. A. Edison, Felix de Lalande, and Georges Chaperon, dated, respectively, 24th August, 1889, and April 8th, 1890. The latter provides for the payment to Lalande of a royalty on cells sold by Mr. Edison in the Dominion of Canada, Republic of Mexico, and foreign countries. The first agreement provides for a minimum royalty of $2,000 per year on cells sold within the United States. The royalty on foreign sales is separate and must be paid in addition to this minimum guarantee - at least so I interpret the contracts. Now I want to know if we sell to the E. S. Greeley Company, for instance, in New York City, and Greeley exports the cells to Mexico, must we account under the contract of August 24th, 1889, or under the contract of April 8th, 1890? In other words, would that constitute a sale by Edison in the United States or a sale by him in Mexico? We make sales to Greeley now, and he can dispose of the batteries in the United States or in certain South American countries, as he pleases to. What I want to know is,

whether Dooley would, in the eyes of the law, be considered a medium, or whether our responsibility ceases when we make sales to him in New York. Lalande has no patents in any of the countries which I have in mind.

Yours very truly,

Private Sec'y.

M.

July 23, 1891.

My dear Logue,-

I have your letter of 21st instant, in regard to the eating off of zincs. We are giving special attention to this matter now, and by making the zincs shorter and thicker, we believe we can avoid the trouble in future. I do not think you are right about the oil. Before we introduced oil we had far more trouble than we are having now. I think it quite probable that the last lot of oil we got was not as good as previous supplies which we have had. I am glad to know that the cells which you have set up on signal work are doing so well.

Yours very truly,

W. S. Logue, Esq.,

The Wayne Hotel,

Detroit, Michigan.

July 24th, 1891.

Philip S. Dyer, Esq.,

Rue Osy 43[2].

Antwerp, Belgium.

Dear Sir:-

I enclose herewith copy of a letter which we have received from Messrs. Dyer & Seely, in regard to Mr. Slattery's patent on an electrode for secondary batteries. I also hand you copy of Mr. Slattery's specification, forming part of Letters Patent No. 446,104, February 10th, 1891. I would suggest your submitting all this correspondence to Dr. de Lalande. It seems as if it were impossible to do anything now towards recovering the invention of Des Mazures. Perhaps Dr. de Lalande may be able to suggest something.

Yours very truly,

Private Sec'y.

July 24th, 1891.

A. G. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned to you this afternoon, in reply to yours of even date:-

"I have examined the prices on oil submitted by Fiske Brothers, and they compare favorably with prices we are paying. We have sufficient of this material now on hand to last us more than a month. Our Engineer suggests that before giving an order to Fiske Brothers they should be required to submit samples of their goods, for the reason that a great deal of trouble and annoyance have been experienced in the past with bad grades of oil. That which we are using now is giving greater satisfaction than was the case with any grade previously used, and is more economical because of its fine lubricating quality, which permits of the oil being used over and over again."

Yours truly,

July 24, 1895.

Chas. D. Shain, Esq., District Manager,

Edison Gen'l. Electric Co., Eastern District,

New York City.

Dear Sir:-

Your letter of 23rd instant, with relation to a conference which Mr. Charles H. Montague, of Vanderbrook, N. Y., wishes to have with Mr. Edison, has come to hand in the absence of the latter, who is at present at the mines in Ogden, N. J. The time of Mr. Edison's return is indefinite, and it may be several weeks yet before he leaves Ogden. Immediately upon his return to the Laboratory, however, your letter shall be placed before him, and I have no doubt he will be pleased to make an appointment to meet Mr. Montague.

Yours very truly,

Private Secretary.

July 24, 1891.

Mr. E. Imhauser,

#206 Broadway, New York City.

Dear Sir:-

We have two Watchmen's Clocks in use at the Laboratory, numbered respectively 7044 and 529, both of which we think were purchased from yourself. These are now out of order, and the object of this letter is to inquire if we should send them to you to be repaired, could you loan us two other clocks to take their place while they were in your hands? We cannot get along very well without the clocks, and if you can accommodate us in the manner indicated, we will appreciate it as a favor. An early reply would oblige

Yours truly,

EDISON LABORATORY

By

July 24, 1894.

Henry Wehle, Esq.,
Room 73, Pulitzer Building,
New York City.

Dear Sir:-

In reply to your letter of 21st instant to Mr. Edison, I beg to say that in all our dealings with Miss McRae we have found her thoroughly honorable, and we are satisfied that your estimate of her character is entirely erroneous.

Yours truly,

Private Secretary.

July 24, 1891.

Dear Miss McRae,-

I hand you herewith copy of a letter addressed to Mr. Edison by Mr. Henry Wehle, together with copy of my reply.

Yours very truly,

Private Secretary.

Miss M. M. McRae,
Room 39 Pulitzer Building,
New York City.

HENRY WEHLE, Counsellor at Law, Pulitzer Building, Room 73

NEW YORK.

Copy.

New York, July 21, 1891.

Thomas A. Edison, Esq.,

Menlo Park, N. J.

Dear Sir:-

Mr. Oesterreicher, a process plate maker at 76 Beekman Street, was victimized by a Miss McRae through the use of your name. Miss McRae has an office in the World Building and publishes a paper called the Phonograph. She represented to Mr. Oesterreicher that you and several Companies who are exploiting your invention are supporting the paper and either were then or were about to become interested in the ownership of the paper.

Through these representations she obtained from Mr. Oesterreicher, work amounting to about thirty-five dollars.

On behalf of Mr. Oesterreicher I would desire to ask the question whether you know this lady at all and what if any right she had to make use of your name in connection with the said paper. Mr. Oesterreicher is in indigent circumstances and can ill afford to lose his money and as Miss McRae is unwilling to pay her bill Mr. Oesterreicher would feel grateful for your reply which will enable him to ascertain whether Miss McRae started out with the intention to cheat him or not.

Very respectfully yours,

(Signed) HENRY WEHLE.

4-435/0

July 25th, 1891.

Charles L.Smythe, Esq.,

241 South Fifth Street,

Philadelphia, Pa.,

Dear Sir:-

I have been advised by the Edison Phonograph Works that you telephoned them the other day from New York, asking them if they would build for you a coin slot machine which was designed to release a sheet of paper and an envelope. Before we can consider this proposition intelligently, it will be necessary for us to know exactly where you would require manufacture to be carried on. Our factory is fully equipped for this class of work, and if you will give me full information on the subject, I will communicate with you further.

Yours truly,

No enc.

July 25, 1891.

J. H. Block, Esq.,

Moscow, Russia.

Dear Sir:-

I beg to acknowledge the receipt of your letter under date 22nd of June. Mr. Edison has also received your letter to him of same date, in regard to phonograph matters in Russia, and at his request I am forwarding the correspondence to Mr. Jesse Seligman, of the Edison United Phonograph Company, New York, which Company, as you know, controls the phonograph in Europe. Mr. Edison has previously directed the attention of the Company mentioned to the way in which the phonograph is being worked in Russia, and strongly urged upon them the necessity of at once taking steps to correct the abuses of which you complain. Inasmuch as the United Company has complete jurisdiction over the phonograph business in Europe, Mr. Edison is unable to take any action in the matter without that Company's co-operation. I trust that they will recognize the importance of taking prompt action in the premises.

Yours very truly,

Secretary.

4341/2

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX July 25th, 1891.

Dr.Gattling,

Hartford, Conn.

Dear Sir:-

Mr.Greene informs me that you called a few days ago to see him in regard to the Kinetograph, and that you informed him that you desired to use this instrument for photographing the shots of the Gattling gun, and wished to know if it was available for that purpose. I beg to advise you that Mr.Edison has not yet completed his work on the kinetograph, and does not expect to have it ready for a year or so.. He is so much pre-occupied with other, and more important, matters that he gets very little time to work on this invention.

Yours truly,

Private Secretary.

July 4th, 1891.

Jesse Seligman, Esq.,

New York City.

Dear Sir:-

I enclose herewith for your perusal, correspondence which has been received from Mr. J. H. Block, of Moscow, Russia, with relation to phonograph matters in that country. You will see from this correspondence the way in which the phonograph is being worked in Russia. Mr. Edison is of the opinion that something should be done at once to correct the abuses of which Mr. Block complains.

Yours very truly,

Private Secretary.

July 25, 1891.

Messrs. Ott & Tewksbury,

The Kansas Phonograph Co.,

Topeka, Kansas.

Dear Sirs:-

Referring to your letter of 16th instant addressed to our Mr. Walter Miller, I beg to inform you that Mr. Edison is not quite ready yet to send out samples of dupliqate records. When sample records are sent out, your Company will not be overlooked.

Yours very truly,

Private Secretary.

July 27th 1891

Samb. Insull Esq.
Edison Building
New York.

Dear Sir.

Referring to your favor of the 25th inst in regard to the Laboratory bills against the house, I beg to state that all the work done or material furnished for the house is billed at the exact cost and not one cent added to anything and the reason her bills are so large is the we are compelled to do a great deal of work here and send a great many of our men up to the house to work, and since the first of May when she began to pay the bills, all of our accounts which we send her give the exact time and what the men worked on and we would be only to glad to have her look over our time sheets and see that her bills are made out correct and at cost.

In regard to the bill for Electric Lighting I beg to state that for the six months past the average cost per month is $54.72/100 and the total number of lamps at the house, stable and green house amount to 500 or about 10 cents a month for each lamp.

Trusting that the above information will be satisfactory I remain

Very truly
J. R. Randolph.

P.S. We have a meter at the house and we obtain each month from Mr Hamlett how many Ampere Hours are used and charge .07¢ per Ampere hour which rate was figured out by Mr Hamlett for Mrs Potter. J.R.R.

July 28, 1891.

H. Ward Leonard, Esq., Gen'l. Manager,

Light & Power Dep't., Edison Gen'l. Elec. Co.,

New York City.

Dear Sir:-

In reply to your last letter on the subject of Mr. Edison's small composite frame armature fan motor, I beg to say that it was not intended for revolving when it worked, but only for being clamped at any suitable position to deliver its breeze, the set screw being attached for that purpose.

We have received a Westinghouse alternating volt meter and ampere meter. This, with the apparatus of the same kind from the National Company, will probably be all that we shall require in that way, but I would suggest that, while not absolutely necessary, it would be very desirable at the present time for the Laboratory to receive samples of opposition Companies' transformers to test their efficiency. We possess a Westinghouse 20 lighter and 10 lighter, and have access at present to a T. H. 15 lighter. It would be very useful to obtain the loan of one or two transformers in larger sizes, to find out how Mr. Edison's will compare with them in efficiency. Yours very truly,

ARTHUR E. KENNELLY.

E.

July 28, 1891.

Mr. George F. Atwood,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

The casting of the 300 h. p. Condenser is finished, but it does not look good. It has three defects, as follows:

1. There is a small piece out of flange.
2. A small blow hole in other flange.
3. The core of shaft seat for regulating valve is half an inch out of centre.

What will you do with this casting? Accept it, or have them make a new casting? In order to make a new casting it will be necessary to revise the whole pattern.

Yours truly,

John Ott.

M.

July 29, 1891.

G. L. Smyth, Esq.,

No. 241 South Fifth Street,

Philadelphia, Pa.

Dear Sir:-

In reply to your letter of 27th instant, I beg to say that we could doubtless design a machine such as you describe, but before we could give you a definite estimate of cost we would require to know how many machines you would place an order for.

Yours very truly,

Secretary.

July 22, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

The Township Authorities of West Orange desire the Edison Phonograph Works to deed to the Township that portion of Watchung Avenue which abuts the property of the Works. It seems that a formal transfer of this part of Watchung Avenue has not yet been made to the Township. I enclose herewith a deed which was forwarded to me for my inspection by Mr. Rufus Mead, of Orange, the representative of the Township Committee, together with a letter from Mr. Mead. It appears that all the other property holders on Watchung Avenue have signed a similar deed. Is it all right for the Edison Phonograph Works to execute this document? An early reply would be much appreciated.

Yours very truly,

Secretary.

July 29, 1891.

Thomas R. Lombard, Esq., Vice-President,

North American Phonograph Company,

New York City.

Dear Sir:-

I understand that you have made arrangements for the sale or lease of phonographs in Canada. As you know, a number of my friends are anxious to obtain instruments, and if you will kindly let me know where they can procure them I will advise them.

Yours very truly,

Private Secretary.

July 30, 1891.

A. P. Baker, Esq.,

57 Deansgate, MANCHESTER,

England.

Dear Sir:-

Your letter of 12th instant addressed to Messrs. Edison & Co., has been received at the Laboratory. Immediately upon its receipt we referred it to Mr. W. J. Hammer, who had entire charge of Mr. Edison's Paris exhibit. The following is what Mr. Hammer says in regard to the account referred to in your letter, and inasmuch as he does not approve the bill we cannot consider it:-

"My impression of the enclosed (your letter) is that he has no claim in the least. He agreed to furnish certain pictures of the Edison Display for use in Official Album Etc., but dilly-dallied so long, went off to Manchester and elsewhere, leaving the work in the lurch, and the samples furnished were not as agreed, and I countermanded the order and notified him I had given the work to another concern in Paris. A long while after, Baker's man came around apologizing &c. and I told him it was all his own neglect and carelessness that he lost the order. Subsequently he sent in a bill, though he said nothing about it at the time and as we did not use the few plates he made and they were not as ordered, and as he entirely neglected the job, I am sure he has no legitimate claim; the one he makes is ridiculous."

Yours truly,

Private Secretary.

July 31, 1891.

Edon Musee American Co., Limited,

No. 35 West 23rd St., New York City.

Dear Sirs:-

Mr. Edison has asked me to thank you for your esteemed favor of 28th instant. He is very much obliged for your courteous compliance with his request for permission to obtain a few phonographic records of your Hungarian Band.

We would like to take these records on Tuesday morning next (August 4th), and if it will be entirely convenient for your orchestra to play in the phonograph on that day, our Mr. Walter H. Miller will be on hand with the necessary apparatus. Please inform Mr. Edison of the hour at which the members of the orchestra will assemble, and very much oblige

Yours very truly,

Private Secretary.

August 1, 1891.

James N. Howe, Esq., Gen'l. Counsel,

Chicago, St. Paul, Minneapolis & Omaha R'y. Co.,

St. Paul, Minn.

Dear Sir:-

Mr. Edison has received your letter of 20th ultimo, in which you suggest the use of a phonograph on railway locomotives for registering the sounds produced by bell or whistle when rung or blown, the object being to prove that the law which requires railway companies to cause a whistle to be sounded or a bell to be rung at highway crossings, has been complied with.

In reply Mr. Edison has instructed me to say that you do not require a phonograph to accomplish this object. An ordinary Watchman's Detector, if placed on engine and connected with the whistle handle, would show on a sheet of paper the exact time at which the whistle was blown over the whole route.

Another method would be to put a Revolution Counter on the locomotive, working the paper only when going forward, and connecting the whistle handle to marking pencil on paper. This would show within a few feet the exact spot where the whistle was blown. Your Master Mechanic can do this.

Yours very truly,

Fred. Ba[illegible]

August 3, 1894.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 27th ultimo, requesting me to have a search made at the Laboratory for lamps of the Sawyer-Man Company or of the Consolidated Electric Company made prior to 1885, I beg to inform you that there is no record in the Lamp Test Room of any tests on such lamps prior to 1887. We have lamps made by both the Companies mentioned after 1887. We also have some of the Weston Tamadine lamps, but there is no date marked on these, and it is impossible to determine exactly to what period they belong.

Yours very truly,

Private Sec'y.

August 3, 1891.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 30th ultimo, in regard to an interview which your Mr. Driscoll desires to have with Mr. Edison with relation to the Chinnock and Wheeler interference, Mr. Edison has instructed me to say to you that he will be at Ogden after Wednesday next, where Mr. Driscoll can see him. The testimony will have to be taken in longhand, as there is no Stenographer at Ogden; neither is there a Notary-Public, but there is a Commissioner of Deeds.

Yours very truly,

A. Tate

Private Secretary.

A.

August 3, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Re Symington Mortgage held by Mr. Edison's Father.

Mr. Edison thinks that it would be inadvisable to buy the property upon which this mortgage was taken in order to save the two hundred dollars already invested. There is no use throwing good money after bad.

Yours very truly,

Private Secretary.

August 5, 1891.

H. Ward Leonard, Esq., Gen'l. Manager,

Light & Power Dep't., Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

I have read your letter of 28th ultimo, asking for my views on the subject of insulation required for overhead lines used for the transmission of power and employing high electro motive force. In reply I beg to say that I do not believe in any insulation. Extra heavy steel guard wires are the thing. I would like to see proposed insulation for 5,000 volts that would last out of doors six weeks. I would like to have a sample sent to me.

Yours very truly,

Thomas A. Edison

M.

August 3, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Edison Phonograph Works re Watchung Avenue. I have your letter of 30th ultimo on this subject, and I also saw your representative who visited Orange the other day in connection with the matter. I understand that papers properly drawn up will be sent to me for execution at an early day. I have no idea when I will be able to get a quorum of the Board of the Phonograph Works, and I therefore suggested to your representative that he should give me a draft of resolution confirming the act of the Company's Officers in executing the document.

Yours very truly,

Private Sec'y.

August 3, 1891.

C. L. Smyth, Esq.,

No. 241 South Fifth Street,

Philadelphia, Pa.

Dear Sir:-

Replying to your letter of 30th ultimo, we beg to say that we cannot undertake to design or manufacture the machines that you desire, for the reason that the arrangement which you suggest in connection therewith is altogether too indefinite.

Yours very truly,

EDISON PHONOGRAPH WORKS

By

Secretary.

August 3, 1891.

W. H. Dean, Esq.,
Room 31, Canada Life Building,
Toronto, Canada.

My dear Willie,-

With reference to your recent letter in regard to the Nickel-in-the-Slot Phonograph, Messrs. Holland Brothers, of Ottawa, have been appointed by the North American Phonograph Company General Agents for the sale of the instrument in Canada, and all business in that territory must be done through them.

Yours very truly,

Geo. E. Lee

Aug. 3, 1891.

Mr. J. H. Block,

M o s c o w , Russia.

My dear Sir:-

In reply to your letter of 4th ultimo, I beg to inform you that it is not Mr. Edison's intention to visit Europe this year. There are too many things requiring his attention at home to permit of his absenting himself for any length of time.

Yours very truly,

Private Secretary.

August 4, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith a letter from Mr. Gilbert Elliott, Attorney at Law, #206 Broadway, New York City, in regard to an account of Messrs. Ladd & Sheldon with the PHONOGRAM, a journal that is published at Room 127 Pulitzer Building, New York City, under the management of Miss V. H. McRae. This journal was started as the official organ of all the Phonograph Companies, and Mr. Edison was asked to join an one of the incorporators. The incorporation papers were sent out here but were returned to Miss McRae on the 12th of January last, with a letter from myself, copy of which I enclose herewith. Mr. Edison did agree to subscribe for five shares of stock in THE PHONOGRAM, and on the 4th of March last sent his check to THE PHONOGRAM for $250, the understanding being that the stock was to be issued to him at $50 a share. I hand you herewith Miss McRae's acknowledgement of this money dated March 6th, and in this same letter she says: "As soon as the certificates of stock are issued, I will forward Mr. Edison 5

shares at $100 each, which will be the equivalent of his subscription." We have waited patiently for these shares, but have never received them. Miss McRae's letter of March 6th is the only acknowledgement we have of the payment to the magazine. Mr Edison never signed anything, and therefore the suggestion of partnership in Mr. Elliott's letter is absurd. Can we not enter a claim now against THE PHONOGRAM for the $250? I have not replied to Mr. Elliott's letter, but wish that you would do so.

Yours very truly,

Private Secretary.

August 5, 1891.

Thomas A. Edison, Esq.,

O g d e n s b u r g h , N. J.

Dear Mr. Edison,-

I send to you herewith papers in regard to your application for a Multipolar Dynamo machine. Upon receipt of Dyer & Seely's letter of 3rd instant, attached, I handed everything to Mr. Kennelly and had him make a report, which you will find enclosed. Please say what reply I shall make to Dyer and Seely.

Yours truly,

A. Tate

August 6, 1891.

Charles Batchelor, Esq.,

c/o N. Y. Concentrating Works,

Edison Building, Broad St., New York.

Dear Sir:-

Mr. John Ott has requested me to write to you with respect to the Belt Machine about which you have been inquiring. But little progress has been made with this machine at the Laboratory owing to the absence of Mr. Thomas and Mr. Dickson, the former of whom is busy with Mr. Edison at the Ogden mine, and the latter is now visiting the photographic supply houses in Rochester on business connected with the Kinetograph. As soon as the two gentlemen named return to the Laboratory, the Belt Machine will be taken up and work on it pushed vigorously.

Yours very truly,

Thos A Edison

b.

August 1st, 1891.

New Jersey Phonograph Co.,

Newark, N. J.

Dear Sirs:-

We have sent to you by express a sample case containing six boxed duplicated musical records, and beg to advise you that we are prepared to furnish these in moderate quantities. the charge for duplicating, not including cylinders, packing or boxing, will be 35¢ for each cylinder.

In ordering duplicate records, you will please place a requisition with the North American Phonograph Company for the desired number of cylinders, instructing them to make delivery of same at this Laboratory. Upon receipt of these they will be duplicated and shipped by us in accordance with your directions.

The charge for boxing and packing, as per sample, will be as follows: Small paper single cylinder boxes 3 1/2 cents each; large box and packing 25 cents.

Should you send us any cylinders for the purpose of having their records transferred, we can furnish from 30 to 100 duplicates of good quality at price named above, provided the former reach us in perfect condition and are free from scratching.

N. J. P. Co.

You will find inside one of the paper boxes of samples referred to, a small weight which, if attached to the reproducer weight of the phonograph, will improve reproduction and prevent the cylinders from whistling.

Yours very truly,

Thomas A. Edison

A.

August 8, 1891.

Rufus Mead, Esq.,

No. 212 Main Street,

Orange, N. J.

Dear Sir:-

I return herewith the deed which accompanied your letter of 24th ultimo. I have had a new deed prepared and am having it executed.

Yours very truly,

Private Secretary.

56 38/2

Telegraphic address "Edison, Newark"

From the Laboratory
of
Thomas A. Edison.

Subject _____ Orange N.J. Aug 6th 91

North American Co
Mills Building
New York

Dear Sirs: Herewith I beg to hand you Laboratory bills for Railway Experiments, month of June 91 amounting to [illegible]

Kindly acknowledge receipt.

Yours truly
Thos A. Edison

August 7, 1891.

Henry Villard, Esq.,
Mill's Building,
New York City.

Dear Sir:-

Mr. Edison has instructed me to forward to you the enclosed check for $71.43, to reimburse you for the subscription which you so kindly made in his behalf to the Helmholtz Fund. Mr. Edison is very much obliged for the trouble taken by you in the matter.

Yours very truly,

Private Secretary.

Aug: 8, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I have not yet received from you a reply to my letter of 23rd ultimo, with which I sent to you two agreements between Mr. Edison, Felix de Lalande and Georges Chaperon, and asked certain questions with relation thereto. An answer at your early convenience will much oblige

Yours very truly,

Private Sec'y.

August 10th, 1931.

. E. Wilmore, Esq., Assistant Manager,

Edison General Electric Co., Schenectady Works,

Schenectady, N. Y.

Dear Sir:--

In reply to your letter of the 8th inst. I beg to say that on the 6th of June last Mr. Insull handed me a letter addressed to him by Mr. Kreusi in which was described a motor which ran at 2500 revolutions, 2-1/2 volts, 15 amperes, which I presume is the same as the one referred to in your communication. A motor of 15 amperes is too heavy for a primary battery because it exhausts it too rapidly. It would be much better to have a motor wound for 5 volts and 7 amperes, which would of course give the same result running at the same speed. We require a motor of this kind for operating sewing machines. Would it not be a good idea for you to send one or more motors to our factory at Silver Lake where we have a sewing machine which we have been using for testing [illegible] let us [illegible] data which afterwards we could [illegible] very useful information for your [illegible] complete the task within two days. [illegible] at the works so that there would

#2 W.E.G.

not be very much delay.

Yours very truly,

No enc.

You can propose the matter, if any negotiation is favored, to Edison Manufacturing Co Orange N J

I do not know who are the officers to face favorably

VBM

All these letters are indexed under page 685½

August 11th, 1891.

P. M. Randall, Esq.,

Care of Edison General Electric Company,

#25 Otis St., Boston, Mass.

Dear Sir:--

I beg to acknowledge with very many thanks your letter of the 4th inst. in regard to an interview which you have had with Dr. Hutchinson, President of the American Electrical Therapeutic Society. I have this morning received a letter from Dr. Hutchinson and am writing to him fully on the subject of the Edison-LaLande Battery.

Yours truly

Private Secretary.

No enc.

UNDERWOOD & UNDERWOOD

H.J
FBM

August 11th, 1891.

The
Thomas R. Lombard, Esq., Vice President,
North American Phonograph Co., #14 & 16 Morris St.,
Jersey City, N. J.

Dear Mr. Lombard:--

I have received this morning your letter of the 7th inst. enclosing a communication from Mr. S. C. Stevenson of Montreal, which I return herewith. I will write you to-night or tomorrow giving you exact information as to the arrangements I have made in regard to the exhibit of the Phonograph at the Montreal Exposition next month.

Very truly yours,

Private Secretary.

Enc. F. 3

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXX August 11th, 1891.

J.H.Block. Esq..

Moscow, Russia.

Dear Sir:-

Your letter of the 10th instant in regard to the Fourth Electrical Exhibition organized by the Imperial Russian Technical Society to be held in St.Petersburgh in September next has been duly received. I regret to say that it will be impracticable for Mr.Edison to make a display of his inventions for the reason that all his exhibit has been disbanded and will not be assembled again until 1893, the year of the World's Fair at Chicago. I think however that it would be practicable for us to make an exhibit of the Edison LaLande Battery. Our European representative is Mr.Philip S.Dyer whose address is No.34 Victoria Street, London, W.C.England, and to whom I have referred this matter. Mr.Dyer will communicate with you direct.

Yours very truly,

Private Secretary.

No enc.

Edison Building, New York.

August 11th, 1891.

Major S. B. Eaton,

Edison Building,

Broad Street, City.

Dear Sir:-

I hand you herewith, letter dated the 3rd of March, addressed to Miss V.H.McRae, Manager of "THE PHONOGRAM", transmitting Mr. Edison's check for ($250.00) two hundred and fifty dollars, the amount of his subscription to the Capital Stock, of what he presumed was the "PHONOGRAM COMPANY". There is a previous letter in which Mr. Edison agreed to take this stock, but the Laboratory have not sent me a copy of it. I have telephoned them this morning to make a copy and to forward it to you direct to-day. I enclose Mr. Edison's original check #4561 under date of March 4th, for ($250.00) two hundred and fifty dollars to the order of "THE PHONOGRAM", which is endorsed "THE PHONOGRAM", by V.H.McRae. Please acknowledge receipt, and oblige,

Yours truly,

Private Secretary.

Enc. C. 1, 2.

H.

Aug. 18th, 1891.

Thomas R. Lombard, Esq., Vice-president,
North American Phonograph Company,
14 & 14 Morris Ave.,
Jersey City, N. J.

My dear Sir:-

I hand you herewith copy of a circular which we addressed to the various phonograph companies in regard to the duplicating business. As you know, by an arrangement between Mr. Edison and Mr. Lippincott, the Laboratory bills for all duplicating experiments have been withdrawn. As you are aware, duplication is not a part of the regular phonograph business, under the control of the Edison Phonograph Company, and Mr. Edison has decided that he will keep this work in the Laboratory where it will be under his personal supervision. We have made a very low price on these duplicates, so that all the companies can use them freely and change their records frequently. This ought very langely to increase their revenue from Nickel-in-the-Slot-Machines; I also take pleasure in handing you a list of the music which we are prepared to supply at the present time. We hope to receive suggestions from the various companies in regard to the selection of

music, and some of them have promised to send us master cylinders for duplication. You will observe that the circular attached, refers to a small weight, which should be attached to the reproducer weight of the phonograph. A number of Companies have written to us, asking if we can supply these weights in quantities, as the improvement which they effect in the reproducing powers of the phonograph, is very much, and they desire to apply them to the machines that they have in use. The Edison Phonograph Works is prepared to supply these weights upon your order, and we will be glad if you will advise the Phonograph Companies whether or not they are at liberty to make requisition upon you for them.

Yours very truly,

Private Secretary.

C O P Y.

We have sent to you by express a sample case containing six boxes duplicated musical records, and beg to advise you that we are prepared to furnish these in moderate quantities. The charge for duplicating, not including cylinders, packing or boxing, will be 35¢ for each cylinder.

In ordering duplicate records, you will please place a requisition with the North American Phonograph Company for the desired number of cylinders, instructing them to make delivery of same at this Laboratory. Upon receipt of these they will be duplicated and shipped by us in accordance with your directions.

The charge for boxing and packing, as per sample, will be as follows: Small paper single cylinder boxes 3 1/2 cents each; large box and packing 25 cents.

Should you send us any cylinders for the purpose of having their records transferred, we can furnish from 30 to 150 duplicates of good quality at prices named above, provided the former reach us in perfect condition and are free from scratching.

You will find inside one of the paper boxes of samples referred to, a small weight which, if attached to the reproducer weight of phonograph, will improve reproduction and prevent the cylinders from whistling.

Yours very truly,

(Signed) Thomas A. Edison.

B.

Aug. 18th, 1891.

The Louisiana Phonograph Co., Ltd.,
Hugh R, Conyngton, Esq., Secretary,
Equitable Building, cor. Gravier & Carondelet Sts.,
New Orleans, La.

Dear Sirs:-

In reply to your letter of 5th instant, we have sent you to-day a list of the musical records which we have on hand. This list is not of course as complete as it eventually will be. We have not gone very extensively into the making of records as yet, for the reason that we desire to obtain the views of the different Phonograph Companies, as to the kind of music which they require. In reply to your query, we beg to say that any kind of music can be reproduced, as well as the local records. We can fill regular orders very promptly, and orders for reproductions will require not more than two days after the receipt of the master cylinder for shipment to be made to the extent of 100 or 150 cylinders. The sample records of which you acknowledge receipt, were not packed in the manner that we have been packing records in the future. In answer to your question, as to how records should be sent to avoid injury, we would suggest that you cause to be made in which records are sent you in the future are packed, and that you pack your matrices in the same way. We will be out boxes for these. [illegible]

B.

Aug. 18th, 1894.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

Please deliver to Mr. Walter Miller, one of the New Doll movements ; I mean one of the last fifty that were built, and which you hold not as part of the material belonging to the Edison Phonograph Toy Manufacturing Company, but as belonging to the Works.

Yours very truly,

Private Secretary.

Aug. 18th, 1903.

Thomas A. Edison, Esq.,

Ogdensburgh, N. J.

Dear Mr. Edison:-

I enclose herewith Financial Report of the Silver Lake Factory for week ending August 15th. Please note how the pay roll in the Chemical Room has gone down. In addition to our saving on labor, through the shutting down of this building, we will also save about $50, a week in coal. We have sufficient wax on hand to last us between six and nine months, unless the musical record business develops enormously.

Yours very truly,

B.

Aug. 18th, 1891.

Thomas A. Edison, Esq.,

Ogdensburgh, N. J.

My dear Mr. Edison:-

I have been talking to Walter Miller to-night about the duplicating business, and I feel pretty well satisfied that if it remains at the Laboratory or at the Phonograph Works, inside of a very few months there will be a number of people go into the duplicating business, and use practically the same machines as you use. As you know, the factory over on Bloomfield Ave., the Ink Factory, is vacant. Would'nt this be a good place to put the duplicating business? I think from the letter that we received from the Phonograph Companies, that we are going to do quite a large business in these duplicate records. They all have expressed themselves as being highly pleased with the samples which were sent them, and we would have had orders before this, but we have only just got a list of music completed, and are sending it out to-morrow.

Yours very truly,

B.

Aug. 18th, 1891.

Herr Jungs,

Eden Musee, 23rd St.,

New York City.

Dear Sir:-

Mr. Edison desires me to thank you very heartily for the attention which you gave to his representative Mr. Miller, who went to the Musee to make phonographic records of the Hungarian Band. I would have made an earlier acknowledgement of your courtesy but Mr. Edison and myself have both been away from the Laboratory for several days.

Yours very truly,

Private Secretary.

E.

Aug. 13th, 1891.

Thomas R. Lombard, Esq., Vice-President,

North American Phonograph Company,

#14 & 16 Morris Ave.,

Jersey City, N. J.

My dear Sir:-

I am in receipt of a letter from Mr. Frank Harrison, the Editor of Frank Harrison's Shorthand Magazine, addressed to Mr. Edison, in which he states that he has written you, making a proposition regarding the purchase of a number of his journals, in consideration of which he proposes copying the article on the Phonograph which was written by Mr. Frank R. Colwin, of the Electrical Engineer. I think you are aware who Mr. Harrison is, but in case you have forgotten him, I wish to inform you that he is the gentleman who has made several unsuccessful attempts to obtain patronage in the manner closely resembling blackmail. In order not to advertise him we have simply ignored him.

Yours very truly,

Private Secretary.

B.

Aug. 18th, 91.

Thomas A. Edison, Esq.,

Ogdensburgh, N. J.

Dear Mr. Edison:-

I enclose herewith copy of letter from American Mfg. Mining & Milling Co., in regard to a small Pulverizer, which has come to the Laboratory If you have any instructions to give in regard to the machine, will you kindly issue them.

Yours very truly,

Private Secretary.

Aug 18th 1891

Mr Fred Catlin Esq
International Telegraph Co
Room 3 - 187 Broadway New York

Dear Mr Catlin

In reply to your letter of 8th inst, I beg to say that Mr Edison is out in the wilds of New Jersey, and I don't know when he is going to return. He has not been in Orange for the last couple of months, and as he is going about from place to place examining a number of mining properties we are not able to get at him to secure his attention to correspondence

Yours very truly

Private Secretary

B.

Aug. 19th, 91.

M. A. Cummings, Esq.,

[illegible] Main St.,

Dallas, T e x a s.

Dear Sir:-

In reply to your letter of 4th instant, I beg to say that Mr. Edison read your gracious communication and asked me to acknowledge the same. Shortly after, I went away and have only just returned and the acknowledgment of your letter is one of the many things awaiting my attention. I believe that the machine which you describe is very similar to Mr. Edison's and he expressed himself as being interested in your communication. He is not yet satisfied with the working of the Kinetograph, but intends continuing his experiments. He has not been at the laboratory for the last two months, being engaged upon some mining work.

Mr. Edison expects to have this instrument completed in time for the World's Fair at Chicago, in 1893. Kindly pardon the delay which has occurred in responding to your letter.

Yours very truly,

Private Secretary.

E.
W.

Aug. 19th, 1891

MEMORANDUM TO WALTER MILLER.

Please read the attached letter from Mr. Ware. He states that the cost of packing musical records for the Edison United Phonograph Company was charged to them and not to the Laboratory. How much of a credit should we allow them so as to place them on the same footing as the Phonograph Companies in the United States? Mr. Randolph will show you the bill that has been rendered for the musical records.

Yours truly,

19th Aug 1891

Arthur C. Paine Esq.
Gibbs House,
Westport. Essex Cty. N.Y.

Dear Sir. Mr Edison has sent me your letter to him of date 2nd inst. upon which he has made the following note:-

"Want you to go over on the opposite side of the Adirondacks to Benson's mine near Jayville. They have a big Crusher mill there - find go round and gather a few specimens & see what how wide & long & big a mine they have; am told by them its gigantic. &c."

Will you please carry out Mr Edison's instructions

Yours truly

Private Secretary

19 - Aug. 1891

S. G. Bum Esq.,

Dear Sir, - On the 31st July you wrote to me stating that you thought Mr Edison meant for you to discharge the Dr Hart men. I sent this letter on to Mr Edison and he returned it to me with the following note upon it "Let Dr Hart men go too". Will you please carry out Mr Edison's instructions.

Yours truly

Private Secretary

19 August 1891

H. O. Ellers Esq.
Edison Phonograph Works.
Orange N.J.

Dear Sir,- We have in the laboratory here a water-motor phonograph which runs in a very unsatisfactory manner in addition to this it is not sufficient to do the work that I require to be done there. I want a battery machine sent to the laboratory and wish you would see that it is placed there tomorrow or next day.

Yours very truly

Private Secretary

N.Y. 18th August 1891

J. W. Wilson Esq.,
Manager, The Spokane Phono. Co.
Spokane Falls. Wash.

Dear Sir, - In reply to your letter of 12th inst. I beg to say that you have entirely misunderstood the communication addressed to you by Mr Edison under date August 2nd. It was nowhere suggested in that letter that you should return cylinders to us. The sale of duplicating master cylinders went to us by any Company which desired to have duplicates made of records which they, themselves, took; our price for each duplicate being $5.00 but including the cost of the cylinder itself, boxing etc.

A number of the Phono. Companies desire to have reproductions of local music and it was to meet such cases as this that we made the proposition in regard to duplicating master cylinders.

the idea being that a phonograph Company would take one or two records of music, send them on to us, and we would give them any number of duplicates at the cost for duplicating, of 35¢ a piece, which of course is much less than the cost of original records would be.

We have prepared a catalogue of music which we have on hand, so if you require any of these please designate the titles of music and order by the number placed opposite each piece. The proper way to order is as follows: supposing that you require to duplicate of banjo music, record No. 3, you would place a requisition with North American Phonograph Co. to deliver one blank cylinder to the Edison Laboratory for your use, and you would place on the requisition on the Edison Laboratory for one duplicate of banjo music, record No. 3. Upon receipt of the blank cylinder ordered by you through the N. A. Phono. Co. we would immediately place upon it one duplicate of record No 3 and ship it to you in accordance with your instructions. Thus the [illegible]

Cylinder, duplication, boxing, packing etc. would be somewhere about 50 l. for each record, which is certainly a large reduction from the prices that have been to certain charged.

We note with a degree of surprise in regard to packing the cost "duplicate" cylinders [illegible] would omit [illegible]

[illegible]

[illegible]

* I find [illegible]

17th August 1887

T. A. Croloin Esq.,
Business Manager, "The Electrical Engineer"
150 Broadway, N.Y.

Dear Sir, — Mr Edison desires me to thank you for your letter of 17th inst. enclosing correspondence with Mr Frank Harrison.

He received, a few days ago, from Mr Harrison, a letter written in the same strain as the one he addressed to you. — It is our custom, to simply ignore the matter on hand. He is a very transparent knave. Your letter to him on the date 17th inst ought to bring him to his senses, but I doubt very much if it will do so, as he appears to have absolutely no self respect, and it is, — in all probability — too old to acquire it now.

Yours very truly

Private Secretary

Encl. No 1.

17 Aug. 1891

Major L. B. Eaton
Edison Buildg.
1 Broad St, N. Y. City

Dear Sir. I have just received your letter under date 12th inst. addressed to Mr Edison. I do not understand why I did not get this letter before but presume it is because Mr McGuire, my assistant, has been away on his holiday. I will ascertain whether or not a notice from Mr Waite, assignee of Jesse H. Lippincott, has been served on the Edison phonograph works. I am not aware that the works have any claim whatever against Mr Lippincott; this claim is against the North American phonograph Co, and all the details are in your hands.

Yours very truly

Private Secretary

19 - August 1891

Mr B. Ward Esq.,
Edison Phonograph Works,
Orange N.J.

Dear Sir, - I inclose herewith a letter which I have received from Major Eaton asking if the Phonograph Works received a notice from Mr Baits, the assignee of Jesse H. Lippincott, calling for claims against Mr Lippincott to be filed before the 15th prox. Have you received such a notice?

I have told Major Eaton that I am not aware that the Phonograph Works have any claim against Mr Lippincott; their claim is against the N.J. Pr Co, and the details of the same are in Major Eaton's hands.

Please answer this letter to Broad St.

Yours very truly

Inclos. 1.

Frank Bergen

17th August 1891

Thos. A. Edison Esq.,
Ogdensburg. N.J.

Dear Mr Edison, – I enclose herewith deed of the Edison phonograph Works to the Inhabitants of the Township of West Orange. It appears that the Township authorities never received from any of the owners of the phonograph works property an easement of the land which is covered by Lakehurst Ave. They agree to grade this avenue and put it in first-class condition if I will give them this formal transfer. I have had Major Eaton go into the matter and he says there is no objection to doing this. The street has been open for so long that we could not close it, and we would not want to close it if we could.

I wish you would kindly execute this deed and send it back to me.

I will have Major Eaton prepare a form

A resolution which will be passed at the next meeting of the Board of Directors of the Edison Phonograph Works. It is designed to confirm the act of the Officers of the Company in executing this transfer.

Yours very truly

Encl. No. 6

19th August 1891

Thos A. Edison Esq.,
Ogdensburg, N.J.

My dear Mr Edison,

I inclose herewith letter from J. S. C. Clarke of "The Morning Journal" together with a communication addressed to him by Colonel W. K. L. Dickson. It strikes me Mr Dickson's letters the essence of gall. What shall I say to Clarke?

Yours very Truly

Private Secretary

Encls.

Orange, N. J. August 18th, 1891.

Dear Mr. Lombard:-

Walter Miller has shown me the list he has prepared of what will be required for the Phonograph Exhibit at Montreal. I think that the whole of the material should be sent from here. Will you therefore please place an order on the Edison Phonograph Works for the machines and the suplies, so that we may have proper authority for shipping the goods. We will hold them on a memorandum or suspense billand anything returned will be properly credited. I presume that a great deal of the stuff could be utilized by your Canadian representatives. I should also know the prices to charge for customs assessment. They could be entered in bond but I think that the duty would have to be paid and you would be entitled to drawback upon return. These prices should be the same as those charged by you to your Canadian agents otherwise there would be trouble in the future. Perhaps the most satisfactory way to you would be for us to place the material in your hands so far as invoicing and passing customs is concerned, and you can deliver it to Mr. Miller at the Exhibit Hall. In regard to expense I would suggest that the revenue for Nickel-Slot machines be applied first to wipe out the cost of the phonograph exhibition, profits if any to be turned over to your Canadian agents or disposed of in any other way you see fit. In the event of this revenue being insufficient to cover the expense I will take care of the deficiency. But of course there must be no expense incurred unless authorized by me or some one whom I shall delegate. Let me know if this is entirely satisfactory.

That little parcel which you kindly said you would take to Canada for me is not ready so I am not able to give you this trouble but I thank you just the same for your courtesy.

Yours very truly,

(Signed) A. O. Tate.

Thomas R. Lombard, Esq., Vice-president,

North American Phonograph Co.,

Jersey City, N. J.

Delivered by Walter Miller personally

NEW. 24th, 91.

A MEMORANDUM FOR MR. RANDOLPH.

Written the Edison United Phonograph Company asking them to place an order on the Edison Phonograph Works for (5?) musical records which were supplied by us to be shipped to Central America. As soon as the United Company place this order on the Works, the Works will in turn make requisition on the Laboratory for these cylinders and as soon as this is done I want to give the United Company a credit of 5¢ per cylinder or in all $2.50 for boxing and packing. I believe that we charged them 50 cents each for these records. In future if records for the United Company are sent to the Phonograph Works and packed there, we will bill them at 45 cents apiece.

Yours truly,

Letterbook, LB-051

This letterbook covers the period August 1891-February 1892. Most of the letters were written by Alfred O. Tate from his office at the Edison Building in New York City. Many are addressed to Thomas Maguire, John F. Randolph, and other individuals at the West Orange laboratory. Some of the letters for October-December were written to Edison while he was inspecting iron mines in western New Jersey. There are also numerous confirmations of telephone messages, written on message forms of the Edison General Electric Co.

Many of the documents relate to the business of the Edison Manufacturing Co. and to the production and promotion of the Edison-Lalande battery. There are also numerous letters pertaining to the manufacture and marketing of phonographs and cylinder recordings and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and Edison Phonograph Toy Manufacturing Co. by D. M. Yeomans. Included also are several letters about the phonograph exhibit at the Montreal Electrical Exhibition. Beginning on page 779 is a long letter from Tate to Edison regarding their plans to take control of the North American Phonograph Co. and to liquidate the business of the local phonograph companies. Other documents relate to electric lighting, the Edison phonoplex system, and electric traction systems. There are also many letters regarding the settlement of the estate of Frank McGowan and the payment of bills for experiments conducted at the West Orange laboratory. Some of the documents concern Edison's personal finances, including the liquidation of his stock in the Edison General Electric Co.

The front cover is marked "1891 1892." The spine is stamped "Letters" and "T.A.E. N.Y." The book contains 994 numbered pages and an index. Pages 951-994 are unused. Approximately 20 percent of the documents have been filmed. Related documents for this time period can be found in LB-052 through LB-055.

D. P.—116
5. M—6666

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
D.M.	Pelzer	2 P.M.	8/15 189

From whom received, Mr A. O. Tate , Private Secretary .

To whom sent, Mr John F. Randolph , Labratory .

For several days we have been unable to raise the Laboratory on the telephone during the noon hour . You must arrange for someone always to be there and not leave the office vacant .

Second Message .

(Mr Tate to Mr Miller)

I want to know all particulars in regard to the exhibition of the Phonograph in Montreal, that is , how many phonographs you are going to run and if you will take all appliances with you such as car-tubes etc. I must advise the N. A. P. Co., so they can make whatever arrangements are necessary with their Canadian representatives .

H.F.

8/47

Experimental account.

August 18th, 1891.

W.S.Perry, Esq., Treasurer,

Edison Ore Milling Company, Limited,

Edison Building, New York City.

Dear Sir:-

I hand you herewith statement of account against the Ore Milling Company to July 1st.1891 for experiments conducted by Mr.Edison amounting to $37,072.80. I have been trying for the last six weeks to obtain a settlement of this account but do not seem to make much progress. Will you be kind enough to let me know if there is anything that I have omitted to do that would hasten it? I understood when I spoke to Mr.Insull about it last, that a settlement would be made forthwith, but up to the date of this present letter nothing whatever has been done.

Please be kind enough to let me hear from you, and oblige,

Yours very truly,

Private Secretary

Enc.d.

12

12/37

CFW

August 18th, 1891.

Colonel C. H. Barney ,

Windsor Hotel, Montreal, Can.

Dear Sir:-

Mr. Steringer has handed to me your letter to him under date of the 16th instant, in regard to the Phonograph Exhibit. I have had a list made of everything that will be required, and have submitted it this morning to Mr. Lombard, the Vice President of The North American Phonograph Company, who will indicate what portion of the list can be furnished by his Company, and the balance we will have made up in the Laboratory. I will send you either tonight or tomorrow, a copy of this list, and will at the same time advise you of exactly what arrangements I have made with Mr. Lombard. I am going to place Mr. Walter Miller in charge of the Exhibit on behalf of The North American Phonograph Company, or its representatives in Canada. This young man has had charge of a large number of like exhibitions, and understands thoroughly how they should be handled. He will be in Montreal with an assistant not later than the 2nd of September. This will give five days to prepare the exhibit which I think will be ample time.

No Enc.

Yours very truly,

Private Secretary.

13

42 Broad Street, New York.

Settlement of account. XXXXXXXXXXXXXXXX August 18th, 1891.

G.N.Morrison, Esq., Secretary,

Edison United Phonograph Company,

Mills Building, New York City.

Dear Sir:-

I handed you this morning a statement of Mr.Edison's account against your Company covering the period from July 16th.1890 to June 30th.1891 amounting to $4,656.22. Mr.Edison desires to obtain a settlement of this account, and I wish you would be good enough to take such steps as are necessary to effect that end.

Yours very truly,

Private Secretary.

No enc.

14

CFW

August 18th, 1891.

Major S. B. Eaton,

Edison Building, Broad Street, City.

Dear Sir:-

I beg to hand you herewith copies of bills which have been rendered by the Laboratory against the Edison Phonograph Company, The North American Phonograph Company and the Edison Phonograph Toy Manufacturing Company, amounting respectively to $22,219.53, $46,378.76 and $4,220.97, which constitute Mr. Edison's claim against each of these three concerns. Please acknowledge receipt, and oblige,

Yours very truly,

Private Secretary.

Enclosures, 2 packages of bills.

31/33

Edison Building.

CPW

August 26th, 1891.

John F. Randolph Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:-

I have your letter of the 25th instant enclosing certificates for the Edison General Electric Company, #1227 and #1228, each for one hundred (100) shares. I have handed certificate #1227 to Mr. Perry to sell for Mr. Edison's account, and I hold #1228 in the safe in this office for future disposal. Both of these certificates are in the name of Mina Edison, and are properly endorsed by her.

Yours truly,

PHONOGRAPHIC DICTATION

No Enc.

31
35

H. P.—110
5. '91—20000.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
J.M.	Polzer	~~2.35~~	~~8/27~~ 189

From whom received, Mr A. O. Tate , Private Secretary .

To whom sent, Mr J. H. Randolph .

Please tell Mr Edison that Mr Perry has sold one hundred shares realizing $ 9625 net , which I have sent direct to German National Bank and will turn over to the Concentrating Works this week .

40
194

FBM

September 2 st, 189.

William F. Wilder, Esq.,

#31 Pine St., New York City.

Dear Sir:--

I have your letter of the 31st ultimo in regard to money and stock due Mr. Frank McGowan. I have sent to the Laboratory for some information, and will communicate with you as soon as I receive it.

In regard to Frank McGowan's stock, the Secretary of the Edison Ore Milling Company holds Frank's receipt for twenty five shares, which were delivered to him shortly after his return from South America. I have not the least idea what became of this stock, as I am not aware where Mr. Frank McGowan kept his securities.

Yours very truly,

No enc.

PORTUGUESE INSTITUTE

W.F.

44
615

42 Broad Street, New York.

XXXXXXXXXXXXXXX September 1st,1891.

Charles D.Shain, Esq., District Manager,

Edison General Electric Company,

Edison Building, Broad Street, City.

Dear Sir:-

I hand you herewith copy of a letter which I have received from my Assistant,Mr.Maguire, who, at my request, consulted Mr.Edison in regard to the service wire for Mr.Burke's new house at Llewellyn Park. Our Laboratory plant is overloaded now and we cannot undertake to supply current for this motor.

Yours truly,

Private Secretary.

Enc.d.

DICTATED

8/47

September 2nd, 91.

W. H. Perry, Treasurer,

New Jersey & Penn. Concentrating Works,

Edison Building, N. Y. City.

Dear Sir :-

I hand you herewith bills for Mr Edmonds experiments conducted during the month of July 1891, in behalf of your company amounting to $ 3393.93. Please acknowledge receipt.

Yours Truly,

Private Secretary.

Enc. D. M.

25
203

September 2nd ,91.

The North American Company ,

Mills Building ,

New York City .

Dear Sirs :-

I hand you herewith bills against your company for experiments conducted in Mr Edison's Laboratory during the month of July , 1891 ., in behalf of your company amounting to $ 785.89 . Please acknowledge receipt .

Yours Truly ,

Private Secretary .

Enc .4 D.H.

September 2nd , 91.

Mr W.S. Perry Secretary ,

Edison Ore Milling Company ; Limited,

Edison Building , City .

Dear Sir :-

I hand you herewith bills against your company for experiments conducted in Mr Edison's Laboratory , during the month of July , 1891., amounting to $ 300.67 , . Please acknowledge receipt .

Yours Truly ,

Private Secretary .

Enc . D.M.

154

September 2nd , 91.

Mr J. P. Ord , Comptroller ,

Edison General Electric Co.,

Edison Building , N.Y.City .

Dear Sir :-

I hand you herewith bills against your company for $ 3282.26 , for experiments conducted in Mr Edison's Laboratory , during the month of July 1891.,

I beg to remind you that we have not yet adjusted these bills so that accountings may be made as provided for in the contract between the Edison General Company , and Mr Edison , and I would be very glad if you could name a definite date when this matter could be settled. It has been open now for almost a year , and I think it certainly ought to be closed before the close of the fiscal year of the Edison General Company.

Yours Truly ,

Private Secretary .

Enc .6 L.M.

~~49~~
401

September 2nd , 91.

Mr W. S. Perry , Treasurer ,

New York Contrating Works ,

New York City , Edison Building ,

Dear Sir :-

I hand you herewith bills for work done at the Laboratory , for the New York Concentrating Company , as follows.-

June 1st ----------$ 1732.06

June 30th ----------$ 100.18

July 31st ,---------$ 453.62

TOTAL----------$ 2285.86

Please acknowledge receipt .

Yours Truly

Private Secretary .

Enc .7 D.M.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
D.M.	Palmer	5.30	9/2 189

From whom received, Mr A. O. Tate , Asst To Second Vice President.

To whom sent, Mr J. F. Randolph , Laboratory .

I advise having received New Jersey & Penn. Concentrating Works certificate of stock number 365 for twenty-five shares which has been transferred to Mr Edison by H. M. Livor in settlement of the amount due Mr Edison by Mr Livor under contract dated the 12th of June 1890.n amely twenty-five hundred dollars. I also advise having received certificate number 366 of the N.J. P. Concentrating Works for 407 shares of stock in the name of Thomas A. Edison in exchange for 500 shares of stock of the Edison General Electric Co., which were given to Mr Livor together with Mr Edison's check for 561 , the rate of exchange being 1 23/100 shares of Edison General Electric Company's Stock for one share of stock of the New Jersey & Penn. Concentrating Works . Please show this message to Mr Edison.

FBM

September 3rd, 1891.

J. W. Gladstone, Esq.,

Silver Lake, N. J.

Dear Sir:--

I have just received a telephone message from the Laboratory stating that they have not yet received from you the report upon which the LaLande royalties were based, which should have been prepared not later than the 26th of last month.

I cannot understand how it is that we have so much trouble to get reports from Silver Lake. You do not seem to appreciate the necessity of getting these things out promptly. There seems to be a lack of system, which is most annoying. Has it not occurred to you that we are under contract with LaLande to mail this report, and to remit at certain stated periods?

It is just as easy to get this report out on the day that it is due as ten days afterward, and I must insist upon more attention being given to statements which I require to have made up in your office.

I have been trying for three months to get from you a profit and loss statement, but up to date have not received it. You have

(2)

informed me orally that it was ready, but no copy has been sent to me so far as I am aware, nor has any information been given me of the reason of its being held back, or of the date when I may expect to receive it.

Very truly yours.

No enc.

57/248

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX September 4th, 1891.

Francis R. Upton, Esq.,

Care of The Edison General Electric Company,

Harrison, N.J.

Dear Sir:-

I hand you herewith, tax bill of the township of Bloomfield from which I take it that you have never recorded the deed which I made in favour of the Edison Lamp Company of the property on Bloomfield Avenue. I do not understand why I am taxed Three thousand dollars on Real Estate, it seems to be very excessive.

Yours truly,

Enc.a.

I. E.—116
4-'97—1000.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

46½
64

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
D.M.			9/5 189

From whom received, Mr A. O. Tate , Private Secretary .

To whom sent, Mr Thomas Mc Guire . Laboratory .

I asked you two or three weeks ago to let me know the amount due Thomas Mc Gowan on Mr Edison's books . You have not replied . I want this information immediately .

Reply .

This information was sent you in a letter under date of June 11th , . Amount $ 191.63 according to our books .

60
71

September 8th, 91.

Major S. B. Eaton, Counsel.
Edison Building,
New York City.

Dear Sir :-

I hand you herewith, original letter addressed to me by Mr William R. Wilder, the attorney for Captain Mc Gowan, temporary administrator of the estate of Frank Mc Gowan, together with two papers from the Surrogate's Court for the City and County of New York, and copy of letter addressed to me by Mr Thomas Mc Guire, of Edison's Laboratory, stating that there is a balance to the credit of Mr Frank Mc Gowan on Mr Edison's books, of $ 191.63.

Capt. Mc Gowan desires to have this money paid over to him, and I shall be glad if you will advise me, if the papers above referred to, issued by the Surrogate's Court, are sufficient authority for Mr Edison to make the payment in question.

Yours very truly,

Enc. A. D.M.

Private Secretary.

54

74

FBM

September 8th, 1891

J..W. Gladstone, Esq.,

Orange, N. J.

Dear Sir:--

I fear that we are going to have great trouble with the porcelain cells which we have out for use in connection with the phongraph. The New York Phonograph Company, as you know, use a great many of these cells. One of their customers has just been in my office, and stated that the battery which he had in use broke in his bath-room and destroyed the bath and the floor. These discouraging reports are becoming very frequent now, as the procelain jars have been in use just about long enough to develop the defect.

Would it not be a good idea for us to call in these jars and have them glazed, providing of course, that the New York Phonograph Company would stand the expense? I believe that they are the only Company who use any considerable number of our cells. I think that they would accept such a proposition providing the expense is not too great.

Yours very truly.

No enc.

70
71

September 8th, 1891.

The Edison Laboratory,

Orange, N. J.

Dear Sirs:--

In reference to the attached letter from Mr. Kennelly, and list of apparatus required at the Laboratory in order to complete a model exhibit plant in the Trenton Feeder Case, I am advised by Major Eaton that he has already placed with you an order which gives you authority to bill all time and material connected with this case against the Edison General Electric Company. Under these circumstances you can in accordance with my telephone message of this morning, immediately place requisitions on the New York Works and on the Lamp Works for the materials named in Mr. Kennelly's list, and bill the same in regular course against the Edison General Electric Company.

Yours truly,

Enc. F. 1

67
126

September 10th, 1881.

S. B. Eaton, Esq.,

Edison Building, Broad St., New York.

Dear Sir:--

I beg to acknowledge with thanks receipt of your letter of the 9th instant, calling to our attention Article #44 of the statutes of the Cie Continental of Paris, which provides that the founder's shares issued by that Company are valid for five years. What is the effect of this provision upon the founder's shares owned by us? Does it mean that we must exchange them for new shares, and are we required to call the attention of the French Company to this matter?

Kindly advise us and oblige.

Yours truly,

Edison Electric Light Company of Europe.

By

Treasurer.

72/93

September 10th, 1891

M. D. Barr, Esq., District Manager,

Edison General Electric Company,

#77 Bay St., Toronto, Ontario, Canada.

Dear Sir:--

I hand you herewith, copy of letter addressed to me by Mr. Gladstone, Manager of our Silver Lake Factory, which has been called forth by my inquiries concerning exporting of Edison-LaLande cells to Canada otherwise than through the Edison General Electric Company.

It is possible that Rathbun & Company run the cells across on their own boats and enter them duty free at night or some other very convenient time, but I hardly think it probable. I give you this information for what you think it is worth.

Yours truly,

Enc. 15 p.

HECTOGRAPHIC DICTATION

FBM

88

September 11th, 1891.

J. W. Gladstone, Esq.,

Edison Manufacturing Company, Orange, N. J.

Dear Sir:--

In reply to your letter without date in regard to telephone cells, placed in service on Mr. Barrett's lines in Chicago, I think you ought to write to Mr. Barrett and find out what kind of a transmitter he uses. It seems to me that Logue has placed too much battery on these transmitters, and if so it will result in injury to our business.

Have Hamilton see the New York Phonograph Company in regard to lining cells.

Yours truly,

No enc.

PHONOGRAPHIC DICTATION

82/94

September 15th, 1891

John F. Randolph, Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:--

I hand you herewith, check of Mr. W. S. Perry #2955 to the order of Thomas A. Edison for $10,050., same being proceeds of sale of 100 shares stock Edison General Electric Company at 100-3/4 less 1/4 commission, in accordance with Mr. Perry's memorandum dated 15th instant also enclosed herewith.

Please have Mr. Edison endorse this check for deposit and put it in the German National Bank, Newark.

Yours truly,

Enc. F. 10 & 11.

Edison Building, Broad Street, N. Y.

CPW

Sept. 17th, 1891.

J. W. Gladstone Esq.,

Edison Manufacturing Company,

Orange, N. J.

Dear Sir:-

I hand you herewith, copy of a communication which I have received from the Canadian District Manager of the Edison General Electric Company, Mr. Barr, in regard to the shipment of batteries into Canada. Mr. Barr is of the opinion that these cells are smuggled into Canada by Rathbun & Company, and it is his intention to try and stop it by notifying the Canadian Officials of his suspicions. I shall be very glad indeed if Mr. Barr can succeed in stopping this irregularity; it spoils our legitimate trade.

Yours very truly,

Enc. Co. 1.

90/92

FBM

September 17th, 1891

J. W. Gladstone, Esq.,

Edison Manufacturing Company, Orange, N. J.

Dear Sir:--

At my request Mr. Hamilton called upon me this morning with his metal combined zinc and frame holder which obviates the necessity of using supports between the zincs and the copper plates, holding the elements rigid at uniform distances each from the other. I desire to have a metal holder made from Mr. Hamilton's design. Mr. Hamilton will carve the pattern, after which, please furnish me with requisition on the Edison Phonograph Works so that he can obtain the casting.

Yours truly,

91/94

PBM

September 17th, 1891.

J. W. Gladstone, Esq.,

Edison Manufacturing Company, Orange, N. J.

Dear Sir:--

Mr. Smiles has called to see me, and seems to be confirmed in the opinion that we should the #2 Faradic Battery to $10.00. He states that all his customers want this done, and that we would consult our own best interests by doing so. I think we should comply with this request as Mr. Smiles, like you and myself does not express his personal opinion but reflects the wishes of the people whom we desire to oblige.

I understand that no lists have as yet been sent out of the office.

Yours truly,

[illegible]

[illegible] the [illegible]

72/159

FBM

September 17/91.

M. D. Barr, Esq., District Manager,

Edison General Electric Company,

#77 Bay St., Toronto, Ontario, Canada.

Dear Sir:--

You will remember my having mentioned to you when I was in Toronto, that we had gotten out a new Faradic Battery, and that Mr. Smiles, who has charge of our Electro-Medical Department, had just made a very successful trip.

It has occurred to me that you might probably consider it a good idea for Mr. Smiles to make a trip for you in Canada between whatever points you deem desirable. He is an excellent salesman and I believe he could dispose of a great many of these specialties and lay the foundation of a permanent trade for you throughout the Dominion. If you would approve such a proposition as this, we would be willing to let you have Mr. Smiles immediately, charging you only for his travelling expenses; we would pay his salary. Kindly let me hear from you early as if you do not wish to use him, we will start him out in another direction.

Yours truly.

No enc.

Sept.18th,91

D.M.

J. W. Gladstone , Esq.,

Edison Manufacturing Company ,

Orange , N.J.

Dear Sir :-

I return herewith letter from the Superintendent , Engineer and General Manager of the Philadelphia Company who asks us to share in the loss of broken Carboys . If we make this concession to the Philadelphia Company I see no reason why we should not make it to all the other companies . Please bear in mind that we are not selling this solution in competition with anyone else . The Illuminating Companies are obliged to obtain it from us and it is not necessary for us to make any concessions to them whatever . Therefore you can write Mr Marks a polite note declining to accept his proposition .

Yours very truly ,

Private Secretary.

Enc.A.

Sept. 18th , 91

D.M.

J. W. Gladstone Esq.,

Edison Manufacturing Co.,

Orange , N.J.

Dear Sir :-

I have your letter of 17th inst., in regard to shipments to Philip S. Dyer . As soon as Mr Dyer is settled In London and has his store-room opened for the reception of goods, and as soon as he has arranged with the English Company to sell our batteries throughout Great Britain I intend to forward him a full stock , so that it will be unnecessary for us to make these small shipments . We can just as well carry a stock of our batteries in London as at Silver Lake and we will of course save a considerable amount of money in freightage .

Yours very truly ,

Private Secretary .

No Enc.

96/110

FBM

September 18th, 1891.

John F. Randolph, Esq., Cashier,

Edison Labratory, Orange, N. J.

Dear Sir:--

Mr. William R. Wilder will give a representative from his office a letter authorizing such representative to examine our books in order to verify the amount shown therein to the credit of Frank McGowan, deceased.

Please give this gentleman every facility for inspecting the entries, and explain to him for what service Mr. McGowan was credited. I am not yet authorized to pay this money to the Administrator of Mr. McGowan, but will be in a few days.

Yours truly,

No enc.

106
116

[illegible]

[illegible] 1888.

John W. Trowbridge Esq.,

Edison's Laboratory,

Orange, New Jersey.

Dear Sir:-

Mr. Edison has to-day promised a check for $[illegible],00 as a subscription to a fund now being raised to wipe off the indebtedness of the Electric Club. Please therefore have a check drawn for the amount at your earliest convenience and send it to here.

[illegible]

Thos. A. Edison

115
211

September 18th 1891.

Messrs. Eaton & Lewis ,

Edison Building, #44 Broad St.,

New York City.

Dear Sirs:--

I beg to ac knowledge receipt of your letter of the 18th instant re Estate of Frank McGowan, absentee.

I have authorized Mr. William R. Wilder to inspect the books at the Laboratory. I understand that you will advise me shortly about paying over the money with which Mr. McGowan is credited on Mr. Edison's books, to the Administrator of his Estate.

Yours truly.

Noeonc.

135
252

FBM

September 22nd, 1891.

W. K. L. Dickson, Esq.,

Edison Laboratory, Orange, N. J.

My Dear Sir:--

I have interrogated Major Eaton in regard to the course which you should pursue in order to obtain a reissue of your stock in the Edison Ore Milling Company, Limited, which disappeared at the time of the disappearance of Mr. Frank McGowan, and hand you herewith, copy of communication addressed to me by the Major under date the 19th instant.

I would suggest your writing a formal application to the Edison Ore Milling Company, Limited, asking them to permit a reissue of the stock, and to indicate the amount of the bond, and how many sureties they will require.. The matter can then be brought to the attention of the Board of Directors and settled in due course.

Yours truly,

Enc. F. S.

38
170

FBM

September 22nd, 1891.

Thomas R. Lombard, Esq., Vice President,

North American Phonograph Company,

#14 & 16 Morrow St., Jersey City, N. J.

Dear Sir:--

During the recent Exhibition at Montreal, the Members of the National Electric Light Association presented a phonograph to Professor Bovy of the McGill University.

I have been asked by one of the representatives of the Association to intercede for them in order to obtain the lowest discounts that can be given on this instrument. I am informed that they have already paid $140.00 for it. Anything that you can do will be very highly appreciated by myself and by the Members

Has the Exhibition closed yet? I wish you would arrange so that an accounting may be promptly made in accordance with my letter to you regarding the Exhibition of Phonographs. I would like to have this matter speedily settled, and will be indebted for your assistance.

Very truly yours,

No enc.

MAC

#42 Broad Street,
New York City,
Sept.23rd,1891.

Major S. B. Eaton,

Edison Building, City.

Dear Major:-

I hand you herewith, copy of a letter addressed to Mr. Edison by the Secretary of the Edison United Phonograph Company, from which it appears, that at the meeting of the Board of Directors of the United Company, held on the 18th instant, Mr. Edison fixed prices for all styles of Phonographs.

Yours very truly,

Enc. 4.

60/155

MAC

Edison Building,
New York, City,
Sept. 24th, 1891.

J.P.Ord, Esq., Comptroller,
Edison General Electric Company,
Edison Building, N. Y. City.

Dear Sir:-

Referring to Laboratory bill for Lamp Experiment, conducted during the month of October, 1890, amounting to $566.09, I beg to advise you that this bill is made up as follows:-

Material from store room and expressage given in detail on the bill rendered	$ 5.92
Edison Phonograph Works bill, given in detail, as per bill	$ .24
Labor	$ 410.96
Proportion of General Expense	$ 123.42
" " Taxes	$ 13.87
" " Insurance	$ 11.68
TOTAL	$ 566.09

During the progress of the negotiation of the Laboratory contract, it was agreed between Mr. Insull and the Laboratory, that the experimental account should be made up of Material, Labor, General Expense, Taxes and Insurance. This arrangement effected a heavy reduction from our usual charges for experimental work. Any further details that you require, I shall be glad to furnish.

1549
204

Yours very truly,

Private Secretary.

No enc.

93

Edison Building, Broad Street, N.B.

Montreal, December [illegible]

CFW

M. D. [illegible] Esq., District Manager,

Canadian General Electric Company,

Canadian District, 477 Bay St.,

Toronto, Ontario, Canada.

Dear Sir:-

Replying to your letter of the 16th instant, regarding cells imported by Messrs. Ahearn & Soper of Ottawa, I beg to say that we have a record of the number of each cell that is sold, showing to whom the same has been shipped. If you will purchase [illegible] of our "G" cells from Messrs. Ahearn & Soper, and let [illegible] numbers which you will find stamped upon the frame [illegible] you who bought it from us, I [illegible] by the matter [illegible] accurately and rapidly.

Yours very truly,

Private Secretary.

No Enc.

[illegible]

J. W.—138
A. W.—4000.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

163
245

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
Brown	D.M.	11.10	8/26 189

From whom received, Mr. Thomas Mc Guire Laboratory .

To whom sent, Mr A. O. Tate Private Secretary .

The following message as just been received at the Laboratory :-

"

Ogden , New Jersey ,

To Mrs Thomas A. Edison .

Lamps are bad again . Will return tonight about nine o'clock .

Edison ."

Edison Building, Broad St., N. Y.

CFW

Sept. 28th, 1891.

J. W. Gladstone Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:-

I want you to send to Mr. Philip S. Dyer, #34 Victoria Street, Westminster, London, England, full information in regard to our Galvanic and Faradic Batteries; I don't think that he has received this. I want to keep Mr. Dyer thoroughly posted as to the progress which we make in the sale of Faradic Batteries. I think he can do a big business in England and elsewhere with these, and any information which we can give him showing the extent of sales in the United States will assist him in his negotiation for permission to sell in Great Britain.

Yours very truly,

No Enc.

184/338

Edison Building, Broad St., N. Y.

CPW Sept. 28th, 1891.

Philip S. Dyer Esq., European Sales Agent,

Edison General Electric Company,

#34 Victoria Street, Westminster,

London, W. C., England.

My Dear Dyer:-

I have your letter of the 16th instant, with regard to the battery business in Great Britain. I do not know how you could have expected me to give you any idea of the character of proposition which we would accept. You know quite well that we will accept anything in reason, but without more information, it is impossible to be more specific. We do not know whether Mr. Henderson wants to form a Company, or whether he will be willing to let us merchandise the cells on a basis of royalty; in fact so far as the details of the arrangement are concerned, we left the matter entirely in your hands, knowing that you would not make any arrangement that would be detrimental to our business over there. I hope you will submit soon some kind of a proposition; it doesn't matter much what kind of a proposition it is, so long as it can be used as a basis upon which to start negotiations. I have instructed the factory to send you full information in regard to the new hot cake

P.S.D. #2

batteries. I am glad to hear that you are going to write me a long letter shortly in regard to a certain being, late of London, now of New York.

Kind regards to yourself and Einberg.

Yours very truly,

No Enc.

September 20th, 91.

D.M.

A. D. Page Esq., Asst. Mgr.,

Edison General Electric Co.,

Harrison, N.J.

Dear Sir :- [illegible] herewith, a bill [illegible]

[illegible] This will introduce Mr Garrett E. Hunt, of the law firm of Messrs Rudd, Hunt & Wilder who represent the administrator of the estate of the late Frank Mc Gowan.

Mr Hunt has just made an inspection of the account of Mr Mc Gowan on our Laboratory books, for the purpose of satisfying the administrator that the amount which stands to Mr Mc Gowan's credit thereon is correct, and he now desires to examine the Lamp Works books, in order that he may satisfy the administrator that Mr Mc Gowan's account with the late Edison Lamp Co., has been settled. I was very glad to give Mr Hunt the opportunity of examining the Laboratory books and I assume that you will have no objection to his examining the books of the Lamp Works.

Yours very truly,

Card enclosed.

Private Secretary.

199/675

FBM

September 30, 1891.

New Jersey & Pennsylvania Concentrating Works,

#16 Broad Street, New York City.

Dear Sirs:--

I hand you herewith, Laboratory Bills against you for the month of August amounting to $1607.21.

Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. F. 15.

MAC

Edison Building, New York,

Sept. 30th, 1891.

Henry C. Ware Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I beg to advise you that the following Phonograph Companies are at present, not doing any business with the North American Phonograph Company, by reason of their failure to pay for rentals, supplies etc. In our dealings with these Companies, we must be particularly careful that our bills are promptly paid, and if there is any amount outstanding against them that are due at the time that they make requisitions for further shipments, these shipments must be held until the accounts are paid.

The Alabama Phonograph Company,
The Colorado and Utah Phonograph Company,
The Central Nebraska Phonograph Company.
Florida Phonograph Company.
Iowa Phonograph Company.
Minnesota Phonograph Company,
Michigan Phonograph Company,
Ohio Phonograph Company,
Old Dominion Phonograph Company.
South Dakota Phonograph Company.
Tennessee Phonograph Company,
Texas Phonograph Company,
Wyoming Phonograph Company.

Yours truly,

Secretary.

No enc.

9n1
213

MAC

Edison Building, New York,

Sept. 30th, 1891.

The Edison Ore Milling Company, Limited.

Edison Building, City.

Dear Sirs:-

I hand you herewith, Laboratory bills against you for the month of August 1891, amounting to $866.17. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. 10.

202/674

MAC

,Edison Building, New York,

Sept. 30th, 1891.

The New York Concentrating Works,

Edison Building,

New York City.

Dear Sirs:-

I hand you herewith, Laboratory bills against you for the month of August, amounting to $207.52. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. 9.

48
430

MAC

Edison Building, New York,

Sept. 30th, 1891.

North American Company,

Mills Building, City.

Dear Sirs:-

I hand you herewith, Laboratory bills against you for the month of August, amounting to $564.64. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. 11.

155/427

MAC

Edison Building, New York,

Sept. 30th, 1891.

J. P. Ord Esq., Comptroller,

Edison General Electric Company,

Edison Building, Broad St., New York City.

Dear Sir:-

I hand you herewith, Laboratory bills against the Edison General Electric Company for the month of August, amounting to $3,213.23. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. 12.

207/370

PBM

September 30th, 19

W. E. Gilmore, Esq., Assistant Manager,

Edison General Electric Company, Schenectady, N. Y.

My Dear Gilmore:

In connection with the manufacture of Musical Records, Mr. Edison wishes to obtain a one-and-a-half horsepower slow speed motor for working an air exhaust that is employed to keep machines free from chips. The motor will run at about 1400 revolutions. What one of your machines do you recommend for this?

Yours very truly,

Private Secretary.

No enc.

208
243

3-05 P.M. October 1st, 1891.

Thomas Dolan,

#32 South Third Street,

Philadelphia, Pa.

Can you make an appointment to see my Secretary in Philadelphia tonight, tomorrow night or Saturday afternoon? Please reply Edison Building, Broad Street, New York.

Thomas A. Edison.

192/257

September 30th, 1891.

William R. Wilder, Esq.,

#33 Pine Street, New York City.

Dear Sir:--

I hand you herewith, copy of letter which I have received from Messrs. Eaton & Lewis in regard to the estate of Frank McGowan. I have before me your letter of the 25th instant, and do not understand your reference to disbursements made by Mr. Hannington of items of $35.00, $6.00 and $4.50, but I have sent Messrs. Eaton & Lewis a copy of your communication, and it no doubt will be intelligible to them.

Yours truly,

Enc. F. 22.

195
215.

October 1st, 1891.

Thomas Maguire, Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:--

I have your letter of the 30th ult. enclosing a communication addressed by Mr. W. K. L. Dickson to the Edison Ore Milling Company, Limited, in regard to lost certificates #1122 and 1123.

You erroneously refer to these as representing 250 shares of stock. They represent 150 shares, as you will see by reference to Mr. Dickson's letter.

Yours truly,

No enc.

201
679

FBM

October 1st, 1891.

Edison Ore Milling Company, Limited,

Edison Building, Broad Street, New York City.

Dear Sirs:--

I hand you herewith a communication from Mr. W. K. L. Dickson, in regard to lost certificates of your Company, # 1122 and #1123 for 100 and 50 shares respectively.

Attached to Mr. Dickson's letter is a copy of the receipt which he holds from the late Frank McGowan for these certificates, which disappeared at the time of Mr. McGowan's disappearance.

Yours truly,

Enc. F. 24.

B. P.—116
5.'91—5000.

2/14
226

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
Young	D.M.	11.30	10/1 189

From whom received, Mr John Krucsi General Manager Schenectady.

To whom sent, Mr A. E. Kennelly , Consulting Electrician.

I have received the following valuable information by Cable from Siemens & Halske :-

" The entire Cables used by the government have earth returns . Charge depends upon ratio between diameter of copper and thickness of insulation . One millemeter of copper and 2 8./10 of insulation is 02 microfarad of insulation with T. C. mass and jute."

Would it be possible for you to come up here as we have a number of Cables ready for test . One of them is 400 feet long. It seems to me that we could reach a conclusion much more quickly than if we sent one cable to youbby express and made the other tests here .

Sent to Mr Mc Guire at Laboratory at 12 A.M.

16/275

D. F.—118
5-'95—20000.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
John Burke	Miller	3.20 P.M.	10/2/91. 189

From whom received, A. O. Tate Esq., Private Secretary.

To whom sent, Thos. A. Edison, Orange, N.J.

Have had a most satisfactory interview with Mr. Dolan. Am to see him again this afternoon. Will report to-night.

D. P.—118
5,'91—400d.

194
221

22

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
CFW	Polzer.	2:45	10/2/91. 1891

From whom received, Mr. Tate.

To whom sent, John F. Randolph Esq., Edison Laboratory,

In regard to the account of Frank McGowan, please draw a check to the order of Eaton & Lewis for the amount of this account, $191.00, and mail it to me to-day.

222
334

MAC

Edison Building, New York,

October 2nd, 1891.

J. W. Gladstone Esq.,

Edison Manufacturing Company,

Orange, N. J.

Dear Sir:-

I am advised by the General Manager of the Sales Department of the Edison General Electric Company, that their Schenectady Works have shipped to the Edison Manufacturing Company, Orange, N.J., the small motor which was designed at Schenectady, for operation by Edison-Lalande Battery. Please have a thorough practical test made of this on the sewing-machine which you have at Silver Lake, and let me have your report as early as practicable.

Yours truly,

Private Secretary.

No enc.

214
282

Send this one to Schenectady

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE LINE

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	Name of Person Receiving.	Time.	Date.
Young	Mackenzie	3-10 P.M.	October 3/11, 1911

From whom received, General Manager, Schenectady Works

To whom sent, Mr. Kennelly.

One Mr. Miller, who came from Siemens & Halsted, states that they have made quantities of telegraph cables; that they always cover each individual wire with lead, twist the wires together, and then they are covered with jute and asphalt, and sometimes with steel wire armor besides. He does not recollect that they ever made a cable with more than seven wires. He is not well versed except with the work of jointing and making cables, and cannot give much information.

In addition I would say that we have just finished testing a lead length of seven wire telegraph cable of 1400 feet. The capacity is equal to .0131 microfarads per mile. The resistance at 15 degrees centigrade is 15200 megohms per mile.

Sent to Mr. Kennelly through Second Vice President's office at 3.45- Sent by John Burke---- Received by Mr. Kennelly.

MAC

23

EDISON ELECTRIC LIGHT COMPANY OF EUROPE, LIMITED.

#42 Broad Street, New York City.

---ooOoo---

2A
249

October 3rd, 1891.

Messrs. Eaton & Lewis,

Edison Building, City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 25th ult., enclosing bill for professional services for the period from January, 1889, to August, 1891, inclusive, amounting to $200.00 and cash disbursements, $63.70, total, $263.70. I will have this bill audited at once.

Yours very truly,

Secretary & Treasurer.

No enc.

208

October 5th, 1891.

Thomas Dolan Esq.,

#32 South 3rd Street,

Philadelphia, Pa.

Kindly say when I may expect to hear from you. Mr. Edison is most anxious. If you prefer I will go to Philadelphia to see you.

A. O. Tate.

PBM

October 5th, 1891.

George S. Jones, Esq., Vice President,

North American Company,

Mills Building, New York.

Dear Sir:--

Will you very kindly send me a check for Laboratory bills for July, $785.85.

Yours truly,

Private Secretary.

No enc.

FBM

135
663

October 8th, 1891.

W. K. L. Dickson, Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:--

In reply to your letter of the 6th instant, I understand that the Administrator of the estate of Frank McGowan can bring suit against you to recover the amount of the note given by you to Mr. McGowan, and you would have to pay the same if judgment were obtained against you. It would not, however, be proper for you to pay the note excepting under order from the Court, as otherwise you would be liable in case the original ever turned up.

I would suggest that you see Mr. Hodgkins again and find out exactly what you can do. My belief is that it is not necessary for you to act unless you want to.

When you come into town, call and see Mr. Butler of this office. He arranged an affair not long ago of a nature similar to this, and can give you valuable information.

I do not know why Mr. Hodgkins considered it necessary for you to negotiate with the Administrator of the McGowan estate in order to obtain a reissue of the Stock; it is a matter between

(2)

yourself and the Edison Ore Milling Company, into which the McGowan matter does not enter at all, excepting so far as the loss of the certificates is concerned.

Yours truly,

No enc.

H.F.

MEMORANDUM FOR MR. INSULL.

October 8th, 1891.

Mr. Barr, our Canadian District Manager, sent a French Storage Battery to the Laboratory to have the same tested by Mr. Kennelly. The latter has reported upon it and we find it represents average efficiency. I attach a communication which I have received from Mr. Barr in which he announces his belief that the Edison General Company would appreciate the value of a good storage battery for use in connection with their business to supplement isolated plants. Is this so? If it is I will go ahead collecting data. If not, is there any use in taking up more of Mr. Kennelly's time?

Enc.

H.F.

255/516

42 Broad Street, New York.

XXXXXXXXXXXXXXXX October 8th, 1891.

A.E.Dick, Esq.,

152 Lake Street,

Chicago, Ill.

My Dear Dick:-

I have your letter of the 6th instant and have instructed the Laboratory to send to your Office in Philadelphia a large photograph of Mr.Edison with his autograph. It will arrive in the course of a few days.

Yours truly,

Private Secretary.

Phil sailed yesterday. I learn that his wife is dangerously ill but have had no particulars as yet. Kennedy is not well.

No enc.

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT

PRIVATE LINE

256/276

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*

From whom received, Mr. A. O. Tate.

To whom sent, Mr. Thomas Machine.

Mr. Charles H. Montague of Yonkers is going to the Laboratory [illegible] see Mr. Edison. He represents a Company [illegible] to install an Railway system, and it will [illegible] Mr. Edison will see him for a few minutes only.

H.F.

42 Broad Street, New York.

XXXX XXXXXXXXXXX October 5th, 1891.

The Old Dominion Phonograph Company,

Orange, N.J.

Dear Sirs:-

I find by the reports that are sent me each week from our Silver Lake Factory that the amount of your indebtedness at the present time is $285.68 and that we have not yet received a remittance from you for supplies which we have furnished. We desire to extend all reasonable accomodation to our customers but cannot permit our accounts to run indefinitely, and I must request that you will be kind enough to forward us a cheque for the above sum by return mail.

Yours truly,

No enc.

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX October 8th, 1892.

J.W.Gladstone, Esq.,

Edison Manufacturing Company,

Orange, N.J.

Dear Sir:-

I beg to confirm my telephone message of this afternoon to the effect that ~~the~~ representative of Messrs.Kennyon, Potter and Company called upon me yesterday and ordered 50 "C" cells and a special switch board to be shipped to his firm within a week, if possible to have a board made in that time. The first plug on this board is to throw twenty cells in series in circuit; there are to be twenty additional plugs for the remaining twenty cells. The Board is to be made in Cherry or in hard rubber with Cherry box, and we are to provide a pole changer and cable for connection between the battery and the board. There will be two binding posts on this board to receive the terminals of the circuits leading to the instruments used by the ~~circuit~~ Surgeon. You should communicate at once with Messrs.Kennyon Potter & Company, stating that we have received this order and that it is having our best attention, and asking them if they will kindly confirm it in ordinary course. I think it might be well to ask them what kind of terminals are attached to the leads which will be used so that we may know whether our binding posts should have clamp nuts or

eye holes to receive pin connectors. Please explain to them that our cells will deliver 4 amperes of current, and it is therefore unnecessary to provide means for throwing them into multipolar arc.

Yours truly,

280
285

E.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXX October 12th, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N.J.

Dear Sir:-

I hand you herewith copy of a letter from Major Eaton under date of the 2nd instant in regard to Mr. Edison's Electric Railway patents in Australia. Please attach this letter to the Indian and Colonial or Australasian Agreements which are in our safes at the Laboratory.

Yours truly,

Private Secretary.

P.S. Please show this communication to Mr. Randolph and call his attention to paragraph four in which Major Eaton states that Drexel, Morgan and Company have never paid any of Mr. Edison's expenses connected with experiments of patents for these inventions for Australia; ask Randolph if he has any accounts on his books referring specially to electric railways in connection with Australia.

Enc.h.

191
292

FBM

October 13th, 1891.

Thomas R. Lombard, Esq., Vice President,

North American Phonograph Company,

#14 & 16 Morris St., Jersey City, N. J.

Dear Mr. Lombard:--

In further reference to your letter of the 10th instant, in which you state that your Company cannot make any reduction in its price to Agents owing to the terms of the contract for the sale of machines, and asking if I can see any way in which this can be done, I do not quite understand your question.

If you will kindly explain it to me further, I will make an attempt to answer it.

I am much obliged for your letter advising me that the Ohio Phonograph Company and the Tenessee Company have been taken into the fold.

Yours truly,

No enc.

291
4,55

FBM

October 13th, 1891.

Thomas R. Lombard, Esq., Vice President,

North American Phonograph Company,

#14 & 16 Morris St., Jersey City, N. J.

Dear Mr. Lombard:--

I am very much obliged for your letter of the 10th instant, in regard to the arrangement which you have made with Mr. Holland for a rebate on the Phonograph presented to Professor Bovey, amounting to $50.00. I have advised the representative of the Committee, Mr. T. C. Martin.

I know they will appreciate your kindness very highly.

Yours truly,

No enc.

183

FBM

October 13th, 1891.

T. C. Martin, Esq.,

Electrical Engineer,

#150 Bway., New York City.

Dear Sir:--

I am in receipt of a letter from Mr. Thomas R. Lombard, Vice President of the North American Phonograph Company, stating that he has arranged with Mr. Holland, the Agent of the North American Phonograph Company of Canada, to give a rebate of $50.00 on the price of the machine presented to Professor Bovey.

I would suggest that you communicate with Messrs. Holland Brothers, Ottawa, who will make this remittance.

The price of the machine after deducting this $50.00 covers actual cost plus freights, duties &c. Trusting this will be satis factory, I remain,

Yours very truly,

No enc.

302
312

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX October 14th, 1891.

J.W. Gladstone, Esq.,

Edison Manufacturing Company,

Orange, N.J.

Dear Sir:-

I beg to acknowledge receipt of Trial Balances October 1st. I would like to have a trial balance for each of the two Departments, Battery and Wax; it takes up too much time to obtain an intelligent idea from a mixed sheet. Referring to Thomas A. Edison's credit of Eighty five thousand dollars odd some of this applies to the Wax Building. When Mr. Edison sees a balance sheet of this kind he considers the whole of it as referring to the Battery business because the Wax business is stationary and will be for a good many months. Please send me at once the seperate sheets and also send copies of them to Mr. Maguire at the Laboratory.

Yours truly,

No enc.

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX October 14th, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I have received from Silver Lake Balance Sheet for October 1st. I have asked Mr.Gladstone to render seperate Balance Sheets for the Wax Department and the Battery Department and to send copies of them to you. It is not necessary to show these to Mr.Edison as he does not understand them; we prepare special reports for him.

Please file the enclosed papers.

Advise Mr.Gladstone that we have discontinued the Phonogram advertisement, and hand him the enclosed bills against the Edison General Electric Company, Toronto, which I have certified. I hand you for your information letter which I have received from Mr.Gladstone in regard to sending Weekly Reports to the Laboratory. It would appear from this that if you had explained the matter to him properly there would have been no lapse in the reports; you certainly could never have told him that you wanted these for the purpose of showing them to Mr.Edison.

Yours truly,

Encl.

324
327

Edison Building, Broad St., N. Y.

CPW

Oct. 17th, 1891.

Thomas Maguire Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I want you to send a circular out to all the Phonograph Companies as soon as we are prepared to supply any new musical records; that is, any records other than those published in our list. We should send these notices out two or three times a week, in fact every day, if necessary, and at the end of each month, or some other period which we can decide upon later on, we will correct our catalogue. Please get out a form of advice, so that Walter Miller can notify you of all the new records which are made, and get out another form to send to the different Phonograph Companies.

Yours truly,

No Enc.

275/331

Edison Building, Broad St., N. Y.

CFW

Oct. 17th, 1891.

Thomas A. Edison Esq.,

Edison Laboratory,

Orange, N. J.

My Dear Mr. Edison:-

In regard to the attachment for adjusting the Phonograph, which Walter Miller has applied to a Nickel-in-the-Slot Machine in the Laboratory, do you not think it would be a good idea for the Phonograph Works to offer these for sale at whatever price may be proper; you suggested, I believe, that we should give one of these away with every hundred cylinders purchased from us, but this would mean that any Company receiving an attachment would take it to some manufacturer and have made as many as they might require to equip all their machines; it would be better for the Phonograph Works to sell them and get whatever profit there may be in the manufacture.

Yours very truly,

No Enc.

Edison Building, Broad St., N. Y.

CFW Oct. 17th, 1891.

To the Watchman,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Upon presentation of this letter, you will permit Mr. Walter Miller, and any persons who may accompany him, to enter the Lecture Room of the Laboratory, for the purpose of making musical records. This permit is permanent and is not to be taken up.

Yours truly,

Private Secretary.

No Enc.

329

CPW

Oct. 17th, 1891.

Bernard Cahn Esq.,

Care Mercantile Trust & Deposit Co., of Baltimore,

Baltimore, Md.

Dear Sir:-

Your letter of the 7th instant, asking for information in regard to my new system of applying electricity to street railways, has reached me. In reply I take pleasure in informing you that I have an experimental road in my Laboratory grounds a quarter of a mile long upon which the system referred to is being operated successfully. It works smoothly and well and is a more fixed and permanent system than either the trolley or cable. It is expensive, but not so much so as a cable road.

I beg to refer you to the Edison General Electric Company, Edison Building, Broad Street, New York, for any additional information which you may desire concerning the system.

Yours very truly,

Thos. A. Edison

No Enc.

330

CFW

Oct. 17th, 1891.

George S. Hart Esq., President,

Second Avenue Railroad Company,

Second Avenue & Ninety Sixth Street, New York.

Dear Sir:-

I beg to acknowledge the receipt of your esteemed favor of the 7th instant in regard to my new system for applying electricity to street railways. I note your remarks relative to the possibility of your Company affording me an opportunity to test the same on your road, and I appreciate them very much. The system in question was, however, devised by me for the Edison General Electric Company, whose address is the Edison Building, Broad Street, New York, and such an arrangement as you suggest would require to be made with them. Personally, I am in favor of putting the invention in practical operation in New York City or Jersey City.

Yours very truly,

Thomas A. Edison

No Enc.

FBM

October 17th, 1891.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:--The Edison Phonograph Works have on hand 89,000 cylinders ready for shipment. The shipments on account of the North American Phonograph Company average about three thousand cylinders per week, which means that the Works have a six months supply ahead. ~~Ellsworth~~ Ellsworth was talking a few days ago about starting up the wax factory at Silver lake, but in view of the above condition of affairs it will of course be entirely unnecessary reopen the wax factory this winter.

Yours truly,

No enc.

331
376

FBM

October 17th, 1891.

Thomas A. Edison, Esq.,

Edison Laboratory, Orange, N. J.

Dear Sir:--

Is our method of labelling Musical Records patentable, and if so, do you consider it worth while taking out a patent?

Yours truly,

No enc.

182/511

H.F.

Edison Building, New York.

October 19th, 1891.

Philip S.Dyer, Esq.,

Care of Second Vice President's Office,

Edison General Electric Company, New York.

Dear Sir:-

I hand you herewith letter from Mr.Gladstone in regard to cells which we have packed ready for shipment: the fifteen "C" cells referred to are for three phonographs which were presented to certain distinguished persons in London and comprised a four cell battery for each of these. Mr.Butler is going to write or has written to your London Office giving full information as to their disposition. The other sets which have been packed are for Russia and for Lalande, Lalande's shipment being the two single sets of galvanic and endoscopic cells. How shall I forward the cells for Russia?

Yours truly,

Enc.b.

EDISON GENERAL ELECTRIC CO.

PRIVATE LINE

339
343

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt, it will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
D.M.	Mr Mc Guire	11 A.M.	10/19 189

From whom received: Mr A. O. Tate , Assistant .

To whom sent: Mr Thomas Mc Guire Laboratory .

Re check received in May Edison Company . Is that the first check for this year . What was the amount (total) received during 1890 . What I wish to ascertain is if we are to receive another remittance for the end of this year .

Reply . 11.20

Re remittances received from Paris Edison Company , there was a check received on January 24th 1891 for $ 2767.77 . The total amount received during 1890 from Paris was $ 4453.96 . There will be another remittance due next January .

EDISON GENERAL ELECTRIC CO.

OFFICE OF SECOND VICE-PRESIDENT.

PRIVATE — NEW YORK TELEPHONE COMPANY — LINE.

CONFIRMATION OF MESSAGE.

342
347

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
O.T.	Mr. McGuire	10.15	10/19 189

From whom received, Mr. A. O. Tate

To whom sent, Mr. Thomas Maguire.

We receive from the Company Continental Edison of Paris, a remittance twice a year for account of the Edison Electric Light Company of Europe, Limited. The checks are paid in the European Company by Mr. F. S. Hastings. Let me know the date and amount of the last check received from Mr. Hastings.

Reply .

The last check on account of coupon on Founders Park , Company Continental Edison was received from Mr Hastings on May 26th 1891 and was for the sum of $ 1427.44

346
364

Edison Building, New York,

October 19th, 1891.

John F. Randolph Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

The Edison Phonograph Works have an account on their books for expenses connected with the Montreal Exhibition of the Phonograph. I have instructed Mr. Ware to bill this expense against the Laboratory and you will in turn, render a bill for the same against the Edison General Electric Company, together with any expense which is now on your books concerning this Exhibition. I wish you would get into communication with Mr. Ware upon this subject, because I want the bills sent to the Edison General Company without any delay. The accounts for the Exhibition are being closed up and we should get everything in at the earliest possible moment. Give this matter your immediate attention.

Yours truly,

Mr. Ware.

332
J54

H.F.

Edison Building, New York.

XXXXXXXXXXXXXXX October 20th, 1891.

H.B.Auchincloss, Esq.,

Llewellyn Park,

Orange, N.J.

My Dear Mr.Auchincloss:-

I want to obtain some of the musical records of the New Jersey Phonograph Company but do not wish them to know they are for me. Would you have any objection to purchasing these for me? If not, will you kindly write to the New Jersey Phonograph Company and ask them to send you a catalogue of the musical records. When you receive this kindly let me have it and I will indicate what records I wish to buy and will then ask you to place an order for them. I would not trouble you in this connection but I know of no other of our friends in New Jersey who holds a license from the New Jersey Company.

Yours very truly,

Private Secretary.

No enc.

H.F.

31

Edison Building, New York.

XXXXXXXXXXXXXXXX October 20th, 1891.

Joseph Hutchinson, Esq.,

Care Of Edison General Electric Company,

No. 292 Avenue B. New York City. N. Y.

My Dear Hutchinson:-

Will you please write to the New York Phonograph Company and get for me a catalogue of their musical cylinders; after I have obtained this I will indicate what records I wish to purchase and will obtain them through you; I do not want it known whom they are for.

Yours truly,

No enc.

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXX October 20th, 1891.

Walter Miller, Esq.,

Care of Edison Manufacturing Company,

Orange, N. J.

Dear Sir:-

Referring to your letter of the 14th instant I have written for a catalogue of the New York Phonograph Company's musical records and have sent a letter to Washington to obtain the records we want to get from them.

Yours truly,

No enc.

COPY SENT TO
H.E. [illegible]
DATE [illegible]

357

42 Broad Street, New York.

XXXXXXXXXXXXXXXX October 20th, 1891.

(Personal)

F.Z.Maguire, Esq.,

1307 F. Street,

Washington, D.C.

My Dear Maguire:-

I want to obtain one each of the following musical cylinders which are sold by the Columbia Phonograph Company. I do not wish them to know for whom they are purchased, and if you can obtain them and ship them to me at the Laboratory I would be very much indebted. They issue a catalogue which you can easily get hold of, and if you will advise me of the amount necessary to cover the purchase I will forward it to you immediately.

Marches.

No.1. No.3. No.14

No.16 No.21 No.25

No.37 No.41 No.43

Polkas.

No.4 No.9 No.15 No.21.

Waltzes.

No.2 No.3 No.7 No.20

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX

Airs of all nations.

No.2 No.4 No.5

No.6 No.7 No.8

No.9 No.10 No.14

Artistic whistling.

No.1 No.7 No.12 No.16

Recitations.

No.1 No.2 No.3 No.4.

I am sorry that we have had to keep you in suspense so long in regard to your coming to New York; it is very probable that we will want you within a day or two. I will telegraph you as soon as I am advised.

Yours very truly,

No enc.

359

HF-MAC

Edison Building, New York,

October 19th, 1891.

Miss J. T. Spaulding,

Box 179, Dedham, Mass.

My Dear Miss Spaulding:-

Mr. Edison desires me to thank you for your kind letter of the 13th instant. I cannot say now definitely what will be done in respect to the Toy Company, but I have very strong hopes that a satisfactory solution of the problem will be arrived at before a great while. I know that Mr. Edison has been very unfairly criticised in this connection, but I think the record shows very clearly he is in no way responsible for the present unfortunate state of affairs. He made an offer to the stockholders which they declined to accept, outvoting me at the last annual meeting. I cannot speak with certainty of the Company's prospects because I am in no position of authority in its councils, nor is Mr. Edison. My hope for the future is based upon my belief that the people in interest will not allow a valuable property to remain unproductive for an indefinite period.

This letter embodies my personal opinion and is in no way intended as an indication of the intentions of each or any of the parties in interest for none of whom can I speak.

Yours truly,

~~162~~
447

Edison Building, Broad St., N. Y.

CFW

Oct. 20th, 1891.

Joseph Thompson Esq., Attorney at Law,

"Law Building", Atlantic City, New Jersey.

Dear Sir:-

Mr. V. H. Ernst has kindly given me permission to test his storage battery, and has directed me to you for ten cells which I desire to have shipped to myself, care of the Edison Laboratory, Orange, New Jersey. Will you be kind enough to let me know when these go forward?

Yours very truly,

Private Secretary.

No Enc.

304
647

Edison Building, Broad St., N. Y.

Oct. 20th, 1891.

CFW

Messrs. Dyer & Seely,

#36 Wall Street, New York City.

Dear Sirs:-

Will you please obtain for me copies of United States Patents #417,158, September 10th, 1889, and #408,002, July 30th, 1889, issued to Victor H. Ernst for storage batteries.

Yours very truly

Private Secretary.

No Enc.

364
368

Edison Building, Broad St., N. Y.

CFM

Oct. [illegible]

John F. Kennedy, Esq.,

Edison Laboratory

Orange, N. J.

Dear Sir:-

I hand you herewith, check from the North American Company under date of the 20th instant, to the order of Thomas A. Edison for $[illegible], in payment of Mr. Edison's commutated [illegible] against that Company for the month of August [illegible]. [illegible] month.

Yours truly,

Private Secretary.

E. C. A.

340
383

H.F.

42 Broad Street, New York.

XXXXXXXXXXXXXXXXX October 20th, 1891.

J.W.Gladstone, Esq.,

Edison Manufacturing Company,

Orange, N.J.

Dear Sir:-

Referring to your letter of the 14th instant in regard to cells which you have prepared for shipment, I have already given you instructions in regard to the fifteen "C" cells mentioned therein. In regard to the others, one full set, that is one single set A.C.D.E.G.K.M.P.T, one family faradic, one physician's faradic, one Galvanic and one endoscopic, is to be sent to J.Block, Moscow, Russia via Hamburg, and the other set to J.Block, St.Petersburg, Russia via Hamburg, both sets to be forwarded on through bills of lading. They will be charged to Philip S.Dyer's consignment account. Forward the bills of lading to me as soon as you have made the shipment; the cells will of course go by freight

Yours truly,

No enc.

374
505

MAC

Edison Building, New York,

[illegible] October 21st, 1911

Charles T. Porter Esq.,

Montclair, N. J.

My Dear Sir:-

Referring to your letter to Mr. [illegible] of the 18th instant and to the draft of proposed agreement attached thereto, will you please let me have a copy of the notice in writing which you state you have received from the Edison Machine Works announcing their determination to abandon the engine which they have been to develop in their agreement with you of the 20th day of December 1910?

Please advise me more of the Edison Storage Battery Company, Edison Building, New York City.

Yours very truly,

A. O. Tate

Private Secretary.

Encs.

374

Edison Building, Broad Street, N. Y.

CPW

Oct. 21st,

H. P. Dwight Esq.,

Great Northwestern Telegraph Company,

Toronto, Ontario, Canada.

My Dear Mr. Dwight:-

I have received from a number of our people who have been in Toronto, very encouraging reports in regard to the Edison Lalande Battery which you have had on test at Toronto. Is it your intention to extend this equipment, and would you have any objection to giving me a report of the service.

Yours very truly,

No Enc.

Personal

382

FBM

October 22nd 1891.

Huntington Smith, Esq.,

#65 Pleasant Street,

Dorchester, Mass.

Dear Sir:--

I beg to acknowledge with this, receipt of your letter of the 17th instant, enclosing clipping from the Boston Herald, in which is reproduced my letter to you of January 6th last.

I regret exceedingly the turn these affairs have taken, and I assure you that acting in Mr. Edison's behalf I did everything in my power to avoid the result which I clearly saw was inevitable unless our proposition or one equally as good was carried out. No other proposition was made than the one submitted by Mr. Edison in the Circular Letter to Stockholders before their adjourned meeting on the 13th of October, 1890. The gentlemen who at that time controlled the Company continued in power with what effect is now apparent.

Yours very truly,

No enc.

Private Secretary.

FBM

376
431

October 22nd, 1891.

Thomas A. Edison, Esq.,

New Jersey & Pennsylvania Concentrating Works,

Ogdensburg, N. J.

My Dear Mr. Edison:--

I enclose herewith, a letter from Mr. Huntington Smith, of Dorchester, Mass. to which is attached clipping from the Boston Herald of the 17th instant which reproduces a letter which I addressed to Mr. Smith in January last.

I had an idea when I wrote this letter that at some time or other it would be published. In view of the present situation I think it shows up very well, and will serve the purpose I had in view of setting you straight before the stockholders.

Yours truly,

Enc. F. 6.

57

Edison Building, Broad St., N. Y.

CPW

Oct. 26th, 1891.

W. S. Perry Esq., Treasurer,

New Jersey & Penna. Concentrating Works,

Edison Building, Broad St., N. Y.

Dear Sir:-

Have you acknowledged receipt of Laboratory bills against the New Jersey & Pennsylvania Concentrating Works for the month of September, amounting to $1337.06? If not, kindly do so direct to the Laboratory, and oblige,

Yours truly,

Private Secretary.

No Enc.

402
~~404~~

Edison Building, Broad St., N. Y.
Oct. 26th, 1891.

CFW

Thomas Maguire Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Replying to your letter of the 23rd instant, would it not be a good idea for Walter Miller to pack some of his cylinders in cotton batting, and for you to request the Companies to let us know how they are received, so that we may decide ~~upon~~ ~~the~~ practical test, whether this method is better than the one we are now using; we must of course use up all of the paste-board boxes which we have on hand before any general change is made.

Yours truly,

Private Secretary.

No Enc.

404
406

Edison Building, Broad St., N. Y.

CFW

Oct. 26th, 1891.

Thomas Maguire Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I hand you herewith, letter from the Assistant Manager of the Schenectady Works, in regard to the two horse-power fan motor which we wish to obtain for Walter Miller. Tell Walter Miller that we cannot get one of these motors under two months, and referring to other correspondence which I have submitted to you, ask him what he wishes us to do, and advise me,

Yours truly,

Private Secretary.

Enc. C. 3.

414
434

CFW

October 26th, 1891.

Thomas Maguire Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Major Eaton has handed to me your letter to him under date of the 24th instant in regard to draft of resolution to be passed by the Board of Directors of the Edison Phonograph Works in relation to the deeding of Watchung Avenue. I beg to advise you that I have received this draft from Major Eaton, and that it is now in the hands of Mr. H. C. Ware of the Edison Phonograph Works; I instructed Mr. Ware to bring it forward at the next meeting of the Phonograph Works' Board; you should make a note of this also, so that between you it will not be overlooked.

Yours truly,

Private Secretary.

No Enc.

204
489

T. A. EDISON.

Edison Building.
New York.

24th October 1892.

The Edison General Electric Co.

J. P. Ord Esq. Comptroller.

New York.

Dear Sir,

I hand you herewith Laboratory bills for experiments conducted in the Edison Laboratory for account of the Edison General Electric Co during the month of September 1891, amounting to $5,760 15 Please acknowledge receipt

Yours truly

Private Secretary.

AOT/HEJ
Enc

427
473

T. A. EDISON

Edison Building
New York.

24th October 1891.

Edison General Electric Co.

J. P. Ord Esq. Comptroller.

New York.

Dear Sir,

I herewith hand you bill for the Phonograph exhibit at the Montreal Exhibition, which is rendered against you in accordance with the arrangement made by the Second Vice President, and amounting to $58.78. There is another bill for a smaller amount, which I am disputing, and in regard to which I will communicate with you later.

Yours truly

Private Secretary

AOT/EEJ
Enc

203
660

T. A. EDISON.

Edison Building,
New York,
24th October 1891.

North American Company.

Mills Building.

New York City.

Dear Sirs,

I hand you herewith bills against your Company for experiments conducted at Mr Edison's Laboratory on your behalf during the month of September 1891, amounting to $969.39.

Please acknowledge receipt and oblige

Yours truly

Private Secretary.

AOT/HEJ.

FBM

October 27th, 1891.

Thomas A. Edison, Esq.,

New Jersey & Pennsylvania Concentrating Works,

Ogdensburg, N. J.

Dear Mr. Edison:--

I hand you herewith, copy of letter from Charles E. Pugh, General Manager, of the Pennsylvania Railroad, in regard to the installation of Phonoplex Circuits on the lines of the Philadelphia, Wilmington & Baltimore Railroad and the Baltimore & Potomac Railroad.

I also attach a reply to this communication which I have drafted, and which I wish you would kindly sign and return to me. Of course, since the original contract with the Pennsylvania Railroad was made our rates on Phonoplex Circuits have changed, but I do not consider it wise to decline to accede to Mr. Pugh's wish, that the operation of the circuits which he proposes to install for the Philadelphia, Wilmington and Baltimore Railroad, should come under the contract with the Pennsylvania R. R. Company.

WBM

433

October 27th, 1891.

Charles E. Pugh, Esq , General Manager,

Philadelphia, Wilmington & Baltimore Railway Co.,

#233 South 4th St., Philadelphia, Pa.

Dear Sir:--

Replying to your letter of the 26th instant in regard to the use of Phonoplex circuits on the lines of the Philadelphia, Wilmington & Baltimore Railroad and the Baltimore & Potomac R.R., I agree with you that the operation of these lines comes within the spirit of the agreement between myself and the Pennsylvania Railroad Company, and that it is not necessary to execute a separate agreement.

Yours truly,

No enc.

441
446

CFW

October 28th, 1891.

Thomas Maguire Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Replying to your letter of the 27th instant, Mr. Mead has never advised me of acceptance of the deed of Watchung Avenue. You might drop him a note.

Yours truly,

Private Secretary.

No Enc.

CFW

345/465

October 28th, 1891.

E. H. Lewis Esq.,

Care of Messrs. Eaton & Lewis,

Edison Building, Broad St., N. Y.

Dear Sir:-

Referring to the search which has been made at the Laboratory for information in regard to sums of money paid Mr. Edison for patents on telegraphy, we have found a lot of old memoranda in Mr. Edison's hand-writing which it is impossible for anyone but himself to explain. The moneys which he received are in these acknowledged, but I have no idea that these records are complete. I think the best way for you to do is to go to the Laboratory sometime when Mr. Edison is there, take these old records, and have him give you an explanation as far as he is able to do so. It seems to me that this would be more satisfactory than getting it through a second person; however, consult your own pleasure, and if you wish to have Mr. Edison's explanation taken by a stenographer, I will see that it is done. I have thought, however, that there may be a good many questions that you would like to ask at the time Mr. Edison's mind is working upon these subjects.

No Enc.

Yours truly,

Charles

H.P.

October 28th, 1891.

A.O. Tladstone, Esq.,

Edison Manufacturing Company,

Orange, N.J.

440/494

Dear Sir:-

Referring to your letter of the 21st instant, will you please remember that Mr.Philip S.Dyer, our European Agent, is interested in our business only so far as he can make sales. Mr.Dyer has not been given any contingent interest in our success, therefore any expense connected with providing material for Mr. Dyer must be born by ourselves. I have very strong hope that before long we willbe in a position to charge against Mr.Dyer not only the freight charges that we are obliged to advance on shipments for his account but that all supplies forwarded to him may be billed against an advance account. We up to the present time are not in a position to ask Mr.Dyer to bear this expense, therefore I think you had better open an account in your books called "European Sales Account" and in the course of a month or two you will charge the whole of this against Mr.Dyer. Please remember that all I wish to do is to keep our foreign business in a separate account so that when Mr.Dyer is in a position to take hold of our affairs actively we will be in a position to advise him at once of the expense that he has to bear in assuming the burden.

Yours very truly,

No enc.

H.P.

October 28th, 1891.

Thomas E. Lombard, Esq.,

The North American Phonograph Company,

14 & 16 Morris Street, Jersey City, N.J.

My Dear Mr. Lombard:-

Referring to your letter of the 19th instant in which you enclose accounts of the expenses of your Canadian Agents, Messrs Holland Brothers, for my consideration, which accounts I beg to hand you herewith, permit me to say that after a very thorough examination of the items in these bills I am more than surprised that they should have been forwarded to me for consideration under the arrangement had between you and myself with respect to the Montreal Exhibit. If you will refer to the letter I wrote you at the time the Montreal Exhibition was under consideration you will find that this expense was not only not anticipated but was not even suggested. I cannot believe that these bills were sent to me seriously with the intention that I should pass them, therefore I shall consider them as having been referred to me in ordinary routine and as having been rejected as a matter of course.

Yours truly,

Private Secretary.

FHM

281
745

October 28th, 1891.

Miss V. H. McRae, Manager,

"The Phonogram"

#37 Pulitzer Building, New York City.

Dear Madam:--

I return herewith, letter of Mr. J. A. Canfield of St. Joseph, Mo. enclosed with your communication under date 26th instant.

The Edison-Lalande Battery is sold through regular supply houses; we do not establish agencies.

Yours truly,

Enc. F. 15.

B.

460

October 27th, 1891.

C. J. Field, Esq.,

Field Engineering Co.,

Liberty & West Sts., New York City.

Dear Sir:-

Mr. Edison has read your letter of 20th instant, and in reply he has instructed me to inform you that it [illegible] too early yet to do anything in connection with the Edison plant which it is proposed to establish in the City of Newark. Mr. Edison says further that he will be pleased to throw any business he can in your way.

Yours very truly,

Private Secretary

464/501

D.M.

New York, October 29th, 91

James Brown, Esq., Superintendent,

The Direct United State Cable Company Limited,

40 Broadway, New York City.

Dear Sir :-

Availing himself of your courtesy, Mr Edison would be glad if you would send the following message, in reply to the message you handed me this afternoon :-

" Philip S. Dyer, European Sales Agent, of Edison General Electric Company sails hence for Europe in two weeks. He has full information in regard to Sir John Pendors Phonograph and will arrange matters with Colonel Gouraud immediately on arrival in London."

" E D I S O N."

I am,

Yours very truly,

Thomas Butler

No Enc.

FBM

876

October 24th, 1891.

Edison Phonograph Toy Manufacturing Company,

#15 Dey St., New York City.

Dear Sirs:--

Re Projected Suits by Yeomans against Edison and Others.

I believe you are aware that Mr. D. M. Yeomans, who went to Europe in 1889 on business connected with the affairs of your Company, has commenced suit against Mr. Edison, and also against each of the gentlemen who at that time were Trustees of the Toy Company, for alleged misrepresentation..

Mr. Edison's Counsel wishes to procure a copy of the prospectus issued by Mr. Yeomans in London, and which was published, if I recollect rightly, in the "Financial News". A copy of this journal was sent to Boston, and it is probable that your Attorney Mr. W. S. Hutchinson is aware of its whereabouts at the present time. If you can kindly let me have this, I will see that it is returned to you after our Counsel has made use of it. We believe that when Mr. Yeoman's Attorneys have been shown the claims set up by Mr. Yeomans in this prospectus, they will understand, as we do, that Mr. Yeomans is alone responsible for the action of Col. Gouraud and the London Stereoscopic Company. As this is a matter in which we are mutually interested, will you be kind enough to

(2)

give it prompt attention?

Yours truly,

Private Secretary.

No enc.

469
141

FBM

October 20th, 1891.

Col. George E. Gouraud, Esq.,

Little Menlo, Upper Norwood, Surrey, England.

My Dear Col. Gouraud:--

Mr. D. M. Yeomans, who in the Fall of 1889 made an attempt to dispose of the Toy Phonograph Company's business in Europe, is bringing suit against Mr. Edison for alleged misrepresentation.

Mr. Edison's Counsel desires to obtain a copy of the London "Financial News", which contains the prospectus issued by Mr. Yeomans. I do not recollect the date of this issue, nor have I any record of the same, but without doubt it is in your files or can be procured by you from the office of the "Financial News". Will you be good enough to obtain a copy and mail it as soon after receipt of this letter as practicable? Mr. Edison's Counsel also wishes to review the record of the suits brought against Yeomans in London in the name of the London Stereoscopic Company and the Edison United Phonograph Company. What we would especially like are the moving papers upon which an injunction was obtained. Probably the complaint formed one of the papers in this case. The complaint, if drawn according to our practice in this country would set up the patents under which the London Stereoscopic

Company and the Edison United Phonograph Company claimed license, and would probably set them up by number and date, if not by a fuller description. Does the same practice prevail in England? If not, then it is necessary for us to have such other papers in the same suits as do contain those facts. In other words, in dealing with the case Mr. Edison's Counsel wishes to know the exact grounds upon which each suit was based. I have assumed that it is possible for you to obtain the record of the London Stereoscopic Company's suit, as I know of no other way in which we can get it.

Mr. Yeomans' attorneys are pressing, and you will confer a favor upon Mr. Edison if you will give this matter immediate attention.

Yours very truly,

Private Secretary.

No enc.

471

H.P.

Memorandum for Mr.Harmington.

Oct.29th, 1891.

I want the door of the office on the fourth floor lettered "Edison Manufacturing Company""Edison Lalande Battery". Will you kindly see to this. Also see that the name of the Edison Manufacturing Company is placed on the directory of the building.

450/575

H.V.

October 29th, 1891.

J.W.Gladstone, Esq.,

Edison Manufacturing Company,

Orange, N.J.

Dear Sir:-

What progress are you making with the new zinc connectors, we ought to get these in service at the earliest possible moment.

Did you ever receive copies of the requests of the United States Government for bids on electric installations; I think we could submit estimates for some of the material used by the Government if we had this information. I am looking the matter up here.

The bottles of oil which you send us should bear a label indicating the cell with which each is to be used; Barrett supplies this oil hap-hazard without any regard whatever to the size of the cell, and the chances are that all the batteries sold by him have been set up with an insufficient quantity of oil. Why not label these bottles with the letter by which the cell is designated?

Yours truly,

No enc.

481/483

E.F.

October 29th, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I hand you herewith copy of my letter to Mr.F.Z. Maguire of Washington, which contains a list of the musical records I asked him to procure for me; these have been sent to Orange by express. I do not know whether they are labelled so that they can be identified by the eye, but Walter Miller will be able to ~~look~~ check them over. Walter Miller also has a copy of the catalogue of the Columbia Phonograph Company and can ascertain the prices of individual records.

Yours truly,

Enc. 1.

MAC

486
488

October 29th, 1891.

John F. Randolph Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I am much obliged fo[illegible]r letter of the 23rd inst. enclosing statement of "dead" a[illegible] for year ending October 1st 1891, amounting to $22,113.30. [illegible]want now a record of all work conducted by Mr. Edison which is chargeable against him personally, but which does not come under the head of "Laboratory Work" and cannot therefore be billed against the Edison General Electric Company under our contract with them; * you mentioned a number of these [illegible]nts to me on the telephone the other day. Please send this right in.

Yours truly,

Private Secretary.

* not against anyone else

No enc.

FBM

1452

October 30th, 1891.

H. B. Auchincloss, Esq.,

Llewellyn Park, Orange, N. J.

Dear Mr. Auchincloss:--

I am very much obliged for the Catalogue of the New Jersey Phonograph Company, and which I will return to you in a few days.

Yours truly,

Private Secretary.

No enc.

New York , October first , 1891 .

[illegible] Superintendent ,

464

[illegible] United States Cable Company ,Limited ,

[illegible] Broadway , New York City .

[illegible]

The following is sketch made out by Mr Insull in [illegible] Colonel Gouraud's message , handed by you to me the other day . You might perchance like to say to Colonel Gouraud at the end of the cable that you could not see Mr Edison as he was near as the Ocean Mine , which accounts for Mr Insull reply. [illegible]

ready for Marconi trip

" Prince de electric drill Gouraud meet [illegible] the Marvin drill , marketed by Edison General Co. If this is what Gouraud is after , will help him . "

" I N S U L L . "

Yours very truly ,

No [illegible]

507/504

FBM

October 31st, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:--

Please send me copies of any papers that are in the safe relating to the license given by Mr. Edison to the London Stereoscopic & Photographic Company; also copy of the license itself, if it is there. Give this immediate attention as our Counsel is waiting for these copies for use in connection with the suit which has been brought against Mr. Edison.

Yours truly,

Private Secretary.

No enc.

572
311

FBM

October 31st, 1891.

J. W. Gladstone, Esq.,

Edison Manufacturing Company,

Orange, N. J.

Dear Sir:—

I have your letter of the 30th instant. You, of course understand that we cannot use a separator that is going to increase the cost of our cells. I thought that by discarding the separator at present in use, and using one of the new model, the change could be made without any increase of price whatever, and I still hope you will be able to accomplish this.

Yours truly,

Private Secretary.

No enc.

509

FBM

October 31st, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:—

Mr. Edison has started Aylesworth on some experiments to obtain an insulating compound for our grade #1 wire.

You have on file correspondence on this subject, and I want to be kept posted from time to time as to the progress of these experiment.

Yours truly,

Private Secretary.

No enc.

493
541

H.F.

October 31st, 1891.

Thomas A.Edison, Esq.,

Care of The New Jersey & Pennsylvania Concentrating Works,

Ogdensburg, N. J.

My Dear Mr.Edison:-

I hand you herewith a statement of receipts and expenses of the "Phonoplex" from the 1st. of January 1891 to the 1st of September 1891 a period of eight months, which shows that the excess of receipts over expenses, including material on hand, is $675.39. All the material, in value $523.80 is good, it consists chiefly of Condensers in perfect order which we will of course use from time to time as they are required. Our revenue from royalties for these eight months is $932.32. The amount to the credit of the account is not very large but I know it will be a satisfaction to you to see that this business is self-sustaining. I know you appreciate the up hill work which I have had in introducing the system with no support whatever from the Western Union Telegraph Company, who control a very large majority of the telegraph lines throughout the country. From this time forward I can make a better showing as I am able to employ Logue in other directions and thus relieve the account of his expense during periods when he is not directly employed upon that work.

Yours very truly,

Private Secretary.

338
6 E

E. M.

New York, October 31st, 1891.

Philip S. Dyer, Esq., European Sales Agent,
34 Victoria St., Westminster, S. W.,
London, England.

Dear Sir:-

I send these lines to remind you of the Phonograph cylinders and accessories which are in the care of Colonel Gourand of Northumberland House for delivery to Sir John Pender and Mr J. S. Forbes. I would like you to explain to these gentlemen that the delay in the delivery of these machines has been caused exclusively by the difficulty in supplying the necessary motive power. We were anxious to send over some Edison Manda batteries which we know by experience are the best for Phonograph work but were prevented from doing so on account of the existence of a Company who were exploiting the battery in England. That Company we hear is defunct, and I understand that you have overcome all difficulties with the liquidator of the Company.

A message of reminder came from Sir John Pender a few days since and I think it right to give you the foregoing explanation in order that you can promptly explain the long delay which has arisen in the delivery of the machines. Colonel Gourand has been very anxious that the latest form of Phonograph should be sent in substitution for that. This is altogether impossible,

(8)

Mowat Papers

(8) [illegible]

No. [illegible]

574

P.P.

Thomas A.Edison, Esq.,

November 2nd, 1891.

Care N.J. and Pennsylvania Concentrating Works,

Ogdensburg, N. J.

My Dear Mr.Edison:-

On the first day of October 1891 the Edison General Electric Company had a debit on their books against you of $99,729.78, of which $94,500.00 was for cash paid to you, the balance being represented by bills for material etc. Against this amount we have charged the Edison General Electric Company as follows:-

Experiments prior to Oct.1st, 1890.	$32,721.63
Bills rendered for experiments during the year Oct.1st,1890 to Oct.1st,1891.	$31,994.64
Total.	$64,716.27
Leaving a net debit against you of	$35,013.51

We have not yet billed the Edison General Company for that portion of the Laboratory generally referred to as "One-Quarter" which belongs to you personally and the expense of which they are under their contract required to pay. In this connection I enclose herewith two statements which I have marked "A" and "B", and which together cover all the accounts which have not been billed against outside persons, or in other words which represent your personal expenditures. We can bill all the items on statement "A" as coming within the one-quarter portion of the Laboratory belonging to you, but I am in doubt as to some of the items on statement "B"

namely, Mica Mines at Monroe and Morristown, Magnetic Pole line at Ogden, Cutting Mica at Ogden and Triple Expansion Engine models. I wish to know what your personal views are as to your right to recover these expenses from the Edison General Company under their contract; of course I can obtain Major Eaton's opinion, but I do not think it desirable to treat this subject in that way; I think it would be much better for us to bill everything we consider we have a right to bill and leave it to the Edison General Company to object. Statement "A" together with such items of statement "B" as we are able to charge against the Edison General Company, will of course be applied to reduce the net debit standing against you on the Edison General Company's books on the 1st. of October. If we can bill both of these statements just as they are you [illegible] owe the General Company about Five thousand dollars. Every other account on the Laboratory books is billed out; for instance, all railway experiments are billed against the North American Company, and we collect the money from this Company every month twenty days after the bills have been presented; they pay with absolute regularity. Bills against the N.J. and Pa. Concentrating Works go against your calls and the same is done with respect to the New York Concentrating Works. The bills which were rendered against the Ore Milling Company are of course deferred for future settlement; we are taking their demand note: the amount is about $38,000.00. You can therefore properly consider these statements "A" and "B" as showing absolutely all the expense of any character whatsoever that

you have not yet recovered, and the amount which you have to bear personally is the aggregate of such items on these statements as cannot be collected from the Edison General Company. The account for manufacturing cylinders is of course outside; I will go into this matter a little later on in another letter.

Yours very truly,

Private Secretary.

P.S. You of course understand that the above refers solely to experiments conducted in the Laboratory; any debit against you which is left standing in this account will be set against the sums due you for your interest in the saving made by improvements which you have introduced and other apparatus used by the General Company: the latter account has not yet been made up, but I understand it is the intention to have the figures ascertained within a very short time.

Enc.s.

527

MEMORANDUM FOR MAJOR EATON:

November 4th, 1891

I return you herewith Mr. Bush's letter of the 13th ultimo. I have had a very satisfactory interview with Mr. Edison upon this subject, and want to see you as soon as possible so that we can discuss what modifications we should propose to Bush. Mr. Edison denied absolutely that he had made any arrangement whatever with Auerbach, or that anyone except myself is authorized to deal with the Phonograph matter. This ought to be satisfactory to Mr. Bush, as you know full well that I have had nothing to do with the matter except through yourself.

Enclosure.

FBM

November 3rd, 1891.

Major S. B. Eaton,

Edison Building,

#42 & 44 Broad Street, New York City.

Dear Major Eaton:--

I hand you herewith, original letter from the Company Continental Edison, addressed to the Edison Electric Light Company of Europe, Limited, and containing advices of the intention of the former Company to cease payment of annuities of certain French, Austrian, Spanish and Belgian patents. It is our custom to bring to Mr. Edison's attention the United States Patents which correspond with foreign patents that are about to be abandoned, and if you will be kind enough to advise me of the numbers of the United States patents affected as before, I will have the matter placed before Mr. Edison and ascertain his wishes. His decision should be framed by you as the legal representative of the Edison General Electric Company in case he decides to permit any of these foreign patents to be abandoned. I have not yet acknowledged the letter of the Company Continental Edison attached, and will not do so until I have your and Mr. Edison's decision.

Yours truly,

Enc. F. 18.

455

FBM

November 3rd, 1891.

Thomas R. Lombard, Esq., Vice President,

The North American Phonograph Company,

#14 & 16 Morris St., Jersey City, N. J.

Dear Sir:-

Replying to your letter of the 30th ult., in regard to the accounts of Messrs. Holland Brothers for the Phonograph Exhibit at Montreal, When I addressed my former communication to you, refusing to consider the bills which they presented, I intended at the same time to write you another letter complaining of their failure to carry out an important part of our understanding, but was prevented from doing so immediately by the press of other work.

I wish to say now that I am very much disappointed at the manner in which they received my proposition. It was very clearly understood between you and myself that a certain number of Nickle-in-the-Slot-Machines were to have been placed in the Montreal Exhibition for the purpose of collecting a revenue from the public to reduce our expenses, and the arrangement which I suggested regarding the disposition of these anticipated proceeds was, I think, a most liberal one. Messrs. Holland Brothers failed absolutely in this part of the undertaking, with the result

that we have had no opportunity whatever to recoup ourselves for the large outlay with which we are already burdened. And on top of this, they have attempted to collect their own personal expenditures just as though they had absolutely no interest in the Exhibition, and were extending a privilege instead of receiving a favor.

I am utterly at a loss to understand the condition of mind of these gentlemen, which prompts them to make such claims. I thought when I made the suggestion in regard to exhibiting the Phonograph that its liberality would be appreciated, but it has been received in an entirely different spirit which will certainly not tend to benefit your Canadian Agents so far as future assistance is concerned.

As for yourself, please understand that I do not consider you a party to their faults. If at any time I can serve you, I will do so now as cheerfully as I have done in the past.

Yours truly,

A. D. Pate

Private Secretary.

No enc.

PHOTOGRAPHIC IMITATION

H.P.

November 5th, 1891.

Thomas A.Edison, Esq.,

Care of The N.J. and Pa.Concentrating Works,

Ogdensburg. N. J.

Dear Mr.Edison:-

I hand you herewith a letter from the E.S. Greeley and Company to which is attached one of their special catalogues in regard to the Edison Lalande Battery. I made an arrangement with the E.S.Greeley and Company in regard to the sale of batteries in Central and South America, and their communication which I now hand you is in response to my enquiry regarding the progress of their work in those countries, where they have an excellent connection. Up to the present time they have not done any large amount of business, but, as they state, they have been engaged upon the preliminary work of introduction. We are watching them very closely and will push them vigorously in the same way as we have commenced to push all the other Supply Houses who handle our goods. I have now a proposition, which I will send you in a day or two, in regard to the sale of Batteries in Great Britain; I think you will consider it entirely satisfactory, and it will permit us to commence shipping goods to Great Britain immediately after Mr.Philip S.Dyer returns to London; he expects to go back in about a fortnight. Please return to me Greely's letter and the catalogue attached.

Yours very truly,

Enc.H.1.

Private Secretary.

PBM

904
126

November 5th, 1891.

E. H. Lewis, Esq.,

Care of Messrs. Eaton & Lewis,

Edison Building, Broad St., New York City.

Dear Sir:--

I handed you this morning, a copy of the London Financial News, which contains the Yeomans Prospectus, and which I should be glad to receive back again as soon as you have finished with it, as it is the property of Mr. J. W. Mackintosh of Boston who will probably use it in connection with the suit which Mr. Yeomans has brought against him in conjunction with the other gentlemen, who at the time this prospectus was issued were Direc of the Toy Phonograph Company. I also handed you the fol papers:

(1) Copy of License , T. A. Edison to the London Stereosco & Photographic Company to work part of patent dated 30 July, 1887, #2909

(2) 3½ of that part of the License of the 22nd of March, relating to royalties payable thereunder.

(3) Agreement between T. A. Edison and the London Stereosc and Photographic Company as to payment in advance of r under License, dated 22nd day of March, 1878.

Will you please acknowledge receipt of the above? A

stated to you orally, I do not think the documents relating to the London Stereoscopic & Photographic Company are complete. We have yet to hear from Col. Gouraud in regard to the suit brought by himself and the London Stereoscopic & Photographic Company against Mr. Yeomans' Company. I presume we will have some word from Col. Gouraud within ten days time.

Yours truly,

Private Secretary.

No enc.

PROPERTY OF SMITHSONIAN

EDISON GENERAL ELECTRIC CO.

PRIVATE LINE

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
	Smith	1.30	11/5 189

From whom received: Mr Samuel Insull Second Vice President

To whom sent: Mr Thomas A. Edison , Ogden Mines .

Edison General Company 's Company stock quoted at 94 . About eleven o'clock it was 96 . The transfer-books were opened yesterday , there were quite a number of shares offered at 97 , and a few fractional points over that figure but no dealings took place . We cannot at present account for this fall ; Drexel , Morgan & Company do not know what to make of it , they simply content themselves by saying that the market for the security is demoralized . The order you gave Butler has not been executed and will be held for the present . Am myself making further inquiries and will report details later .

S.

NOTED
NOV 5 · 1891
NOT ANSWERED.
S. I.

EDISON GENERAL ELECTRIC CO.

PRIVATE LINE

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
Mr.	Smith	3.30	11/8 189

From whom received: Mr Samuel Insull Second Vice President .

To whom sent: Mr Thomas A. Edison , Ogden Mines .

Mr Wetzler of the " Electrical Engineer " would like to go out to Ogden tomorrow to talk with you about what you have done in connection with the electrical railroad . I should be glad if you would see Mr Wetzler as I would like an authoratative authorized statement published in <u>one</u> of the leading electrical journals on the subject . Please let me know whether it is agreeable to you that Mr Wetzler should go to Ogden . ?

Reply .

Mr Edison says that he cannot possibly see Mr Wetzler tomorrow on account of Mr Lewis coming up . Will be glad to see Mr Wetzler on Sunday .

NOTED
NOV 5 1881
NOT ANSWERED,
S. I.

MAC

November 8th, 1891.

D. H. Louderback Esq.,

#519 Dearborn Avenue,

Chicago, Ills.

Dear Sir:-

Mr. Edison has received your letter of the 2nd instant, and asks me to say in reply that it is quite impossible for him, at this time, to make any promises concerning his new system of Electric Railway Propulsion. The apparatus has been tested experimentally at the Laboratory on a track built for the purpose, but before it can be offered generally to the public it must be submitted to a series of practical tests and the point at which these will be made has not yet been selected. It is very probable that requirements will be developed of which we are not now aware, and altogether the matter is in too indefinite a state to permit of any assurance being given you in regard to the time when apparatus could be furnished [redacted] for the road in Chicago which you contemplate equipping. The practical tests to which I refer will be made under the immediate supervision of the Edison General Electric Company, through whom the new system will eventually be given to the public.

Yours very truly,

No enc.

Private Secretary.

FBM

D 13
585

November 10th, 1891.

Thomas Maguire, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:--

I hand you herewith, a communication from the Orange Mountain Cable Company in regard to a piece of track which they are building in West Orange, and upon which they suggest Mr. Edison should test his new system of Electric Railway Propulsion.

When Mr. Edison returns to Orange, place this communication before him, and let me know what he thinks of the suggestion.

Yours truly,

Private Secretary.

Enc. F. 23.

PHONOGRAPHIC DICTATION

4 74
731

H.P.

November 11th, 1891.

J.P.Skehan, Esq.,

Care of Spencer, Trask & Company,

16 & 18 Broad Street, City.

My Dear Mr.Skehan:-

In reply to your letter of the 7th instant, I am sorry that I cannot give you any information in regard to Mr. Edison's new system of Electric Railway propulsion except in a very general way. An experimental track has been built at the Laboratory and the system has been working there. The intention is, I believe, to select some road on which to make a practical test and to develop the system in a commercial way; the point where this test will be constructed has not yet been decided upon; it will be determined by the Edison General Electric Company in consultation with Mr.Edison. The system will be given to the public through the Edison General Company: it is expensive and was designed for use only in large cities. I understand that Mr.Edison has stated that it will take probably a year to collect all the practical data necessary before any general application can be made of the system.

Yours very truly,

Private Secretary.

PHOTOGRAPHIC REPRODUCTION

No enc.

CFW

November 11th, 1891.

Edison Swan United Electric Lighting Company,

#100 Victoria Street, London, S. W.

Dear Sirs:-

I have confirmed elsewhere a cablegram sent you to-day to the effect that the Edison General Electric Company have been approached with reference to the installation by them of large Central Station Plants in England. The people who have made these overtures are themselves financially strong, and are able to command support of this character to an extent that convinces me of their ability to carry out any agreement into which they may enter.

The opportunity thus afforded presents itself to me as a most desirable one of which to take advantage, and I have introduced the subject to you in the belief that in this respect your views and mine will coincide. Of course the basis of any such arrangement would involve the recognition of any of my patents which you control, and also the recognition of any other controlling patents owned or operated by you covering the apparatus employed; such recognition would naturally take the form of a royalty payment to your Company. I am satisfied that this is an opportunity to secure the installation of a large number of Central Stations in Great Britain; the advantages of which as furnishing a market for Edison Lamps and other supplies, I need not bring particularly

to your attention.

I trust that some amicable and equitable arrangement can be made which will enable us to avail ourselves of the capital which is seeking investment in our business, and if you view the matter favorably we can proceed at once to adjust the various details.

Yours very truly,

Thos. A. Edison

No Enc.

PHOTOGRAPHED DICTATION

CPW

L 81
682

November 13th, 1891.

Victor H. Ernst Esq.,

Care of The Hall Signal Company,

#128 & #130 Front Street, Brooklyn, N. Y.

Dear Sir:-

In reply to your letter of the 7th instant, I beg to say that I have not yet received the cells which Mr. Thompson informed me he would send to the Laboratory. I will keep the records of tests forwarded with your communication under reply, pending the receipt of the cells above referred to. If these cells do not reach the Laboratory within the next two or three days, I will write again to Mr. Thompson.

Yours very truly,

No Enc.

CFW

601
646

November 13th, 1891.

Thomas R. Lombard Esq., Vice President,

The North American Phonograph Company,

#14 & 16 Morris Street, Jersey City, N. J.

Dear Mr. Lombard:-

The Edison Phonograph Works have referred to me your letter to them under date of the 10th instant, in regard to the records which were used at the Montreal Exhibition. Don't you think that you are a little wide of the mark when you state that neither your Company nor your Agents were in any way the recipients of any of the benefits accruing from that Exhibition? It was certainly one of the best Exhibitions which has ever been given of the Phonograph, and, if the people who are directly interested in merchandising this instrument received no benefit from it, it is a very serious reflection upon the enterprise itself. I think that your statement is a very hasty one, and that if you had taken more time to consider the subject you would not have made it. So far as the records themselves are concerned, we can settle that matter at once-- they can be returned and we will give you credit for them at the prices which were originally charged. So far as any other material is concerned, we will credit it at a fair valuation in view of the condition in which it is received at the Factory.

No Enc.

Yours very truly,

644

H.F.

November 19th, 1891.

S.O.Edison, Esq.,
No.41 West 42nd Street,
New York City.

Dear Sir:-

I enclose herewith Mr.Edison's cheque #5421, to-day's date, to your order for $250.00.

Please own receipt to the Laboratory, and oblige,

Yours truly,

Private Secretary.

Enc.N.G.

650

H.P.

November 19th, 1891.

Arthur P. Hodgkins, Esq.,
Care of Messrs. Eaton & Lewis,
Edison Building, New York.

Dear Sir:-

Replying to your letter of the 18th instant I beg to submit the following for your information.

(1) The exact amount of the loan made by Frank Mc. Gowan to Mr. Dickinson was Five hundred dollars. Mr. Dickinson gave Mr. Mc. Gowan his note for this amount at either three or four months. I can ascertain the exact period of the note if you require it. Mr. Dickinson also handed to Mr. Mc. Gowan One hundred and fifty shares of the Edison Ore Milling Company, Limited, and took Mc-Gowan's receipt for them, which he now holds. The certificates were in the name of W. K. L. Dickinson and were endorsed in blank. There was no actual transfer of these certificates on the books of the Ore Milling Company to McGowan; they disappeared with him.

(2) I know of no other loan under similar conditions, under any conditions whatsoever.

(3) There were twenty-five shares of stock of the Ed Ore Milling Company, Limited, transferred to Frank McGowan, and name is still on the books of the Company as a Stockholder of cord for this number of shares. The Ore Milling Company hold Frank McGowen's receipt for this certificate; it also disappe with McGowen.

(4) McGowan did not hold any stock in the New Jers

Pennsylvania Concentrating Works, neither did he hold any in the New York Concentrating Works.

Trusting the above is what you require, I am,

Yours very truly,

Private Secretary.

No Enc.

PRESIDENTIAL LIBRARY
DUPLICATION

661
6/25

CFW

November 23rd, 1891.

C. F. Chatterton Esq.,

Care Messrs. Abbey, Schoeffel & Grau,

#1432 Broadway, New York.

Dear Sir:-

In reply to your letter of the 19th instant, I beg to say that Mr. Edison is at the present time visiting some mines in the State of New Jersey, and the date of his return is very uncertain. I think it altogether probable however, that he will be home within a week or ten days, and shall be glad to know if it would be convenient for Mme. Sarah Bernhardt to visit the Laboratory when Mr. Edison gets back. Should she desire to go there before Mr. Edison returns, I will be very pleased to make all necessary arrangements upon receipt of advice from you.

Yours very truly,

Private Secretary.

No Enc.

THOMAS A. EDISON LABORATORY
DICTATION

901

November 24th, 1891.

CTW

New York Concentrating Works,

Edison Building, Broad Street, New York.

Dear Sir:-

I enclose herewith, Laboratory bills for the month of October, 1891, amounting to $270.74. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. C. 2.

815

CFW

November 24th, 1891.

New Jersey & Penna. Concentrating Works,

Edison Building, Broad St., New York.

Dear Sirs:-

I enclose herewith, Laboratory bills against you for the month of October, 1891, amounting to $1848.09. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc. C. 1.

213
821

CFW

November 24th, 1891.

Edison Ore Milling Co.,

Edison Building, New York City.

Dear Sirs:-

I enclose herewith, Laboratory bill against you for the month of October, 1891, amounting to $48.69. Please acknowledge receipt.

Yours truly,

Private Secretary.

PHOTOGRAPHIC DICTATION

Enc. C. 3.

MAC

November 14th, 1891.

Victor H. Ernst Esq.,

Care The Hall Signal Company,

#128 & 130 Front Street,

Brooklyn, N. Y.

Dear Sir:-

I am in receipt of a letter under date of the 20th instant, from Mr. Joseph Thompson, advising me that ten (10) cells of the Ernst Storage Battery were shipped to me in care of the Edison Laboratory on that date: two (2) of the old style and eight (8) of the latest. I am in communication with the Laboratory in regard to these and will advise you further later on.

Yours very truly,

Private Secretary.

PHILADELPHIA QUOTATION

No enc.

H.F.

C.F.Chatterton, Esq.,
Care of Messrs.Abbey,Schoeffel & Grau,
1432 Broadway, City.

November 25th, 1891.

Dear Sir:-

In reply to your letter of the 24th instant, I beg to say that I will advise you as soon as Mr.Edison returns to Orange. I had a message from him yesterday to the effect that the date of his return is very uncertain at present, but I think it altogether probable that he will be home within ten days or two weeks.

Yours very truly,

No enc.

Private Secretary.

646
703

H.F.

Thomas Maguire, Esq.,
Edison Laboratory,
Orange, N. J.

November 25th, 1891.

Dear Sir:-

I have your letter of the 24th instant in regard to our method of packing musical records. I presume that Walter Miller has already changed his method and that he is now using cotton battling.

Yours truly,

No enc.

EDISON ELECTRIC LIGHT COMPANY OF EUROPE, LIMITED.

CFW

New York, November 27th, 1891.

[illegible] herewith the following certificates of [illegible] Maguire Esq., [illegible] Company of Europe, Limited, to

Edison Laboratory,

Orange, N. J.

Dear Sir:-

I enclose herewith the following certificates of the Edison Electric Light Company of Europe, Limited, which are to be transferred to Ellen J. Barker.

#986.	50 shares.
#147.	20 shares.
#131.	1 share.
#576.	2 shares.
#421.	20 shares.
#882.	100 shares.
#886.	100 shares.
#887.	100 shares.
#888.	100 shares.
#889.	100 shares.
#890.	100 shares.
#891.	100 shares.
#[illegible]	100 shares.
Total	873 shares.

These were the new certificate in my office today. The new certificate is to be delivered to Mr. Herman Duncklaring, 65 Liberty St., New York City. I will of course attend to this delivery.

Yours truly,

Enc. 6. 100.

TREASURER.

[TRANSCRIPTION FOLLOWS]

H.F. 711

November 2[illegible]th, 1891.

Major S.Flood Page,

102 St.George's Square,

London, S. W. England.

My Dear Major:-

I have received and read withinterest your letter of the 2nd instant, and am very much indebted to you for your kind offer to assist me in my future undertakings in Great Britain. I appreciate fully your remarks concerning past transactions, and you may be sure that the experience will not be unprofitable so far as the re-enforcement of our judgment is concerned. Of course at the present time I have no business of a personal nature that requires attention, but I will bear in mind your suggestion. I wish to say in conclusion that I value very highly the friendly attitude which you personally have always maintained toward myself.

Yours very truly,

No enc.

LEGATION

[TRANSCRIPTION]

H.F.

November 28th, 1891

Major S. Flood Page,
102 St. George's Square
London, S. W. England

My Dear Major:-

I have received and read with interest your letter of the 2nd instant, and am very much indebted to you for your kind offer to assist me in my future undertakings in Great Britain. I appreciate fully your remarks concerning past transactions, and you may be sure that the experience will not be unprofitable so far as the re-enforcement of our judgement is concerned. Of course at the present time I have no business of a personal nature that requires attention, but I will bear in mind your suggestion. I wish to say in conclusion that I value very highly the friendly attitude which you personally have always maintained toward myself.

Yours very truly,
Thomas A. Edison

No enc.

EDISON ELECTRIC LIGHT COMPANY OF EUROPE, LIMITED.

FBM

December 3rd, 1891.

Herman DeSelding, Esq.,

#59 Liberty St., New York City.

Dear Sir:--

I hand you herewith, Certificate #991 of the Edison Electric Light Company of Europe, Limited for 893 shares in the name of Ellen J. Banker.

Please return the receipt which I gave you on the 27th ultimo.

Yours truly,

Treasurer.

Enc. 5. 13.

715/776

CFW

December 3rd, 1891.

Major S. B. Eaton,

Edison Building, New York.

My Dear Major Eaton:-

Referring to the attached correspondence, please note Mr. Edison's remarks in pencil on your letter November 24th. Mr. Edison challenges us to explain that he is not being taxed upon patents. I am getting some information upon this point from the Laboratory.

Yours truly,

Private Secretary.

Enc. C. 2.

122

FBM

December 3rd, 1891.

M. D. Barr, Esq., District Manager,

Edison General Electric Company,

#77 Bay St., Toronto, Ontario, Canada.

Dear Sir:--

Referring to your letter of the 20th ultimo in regard to the packing of the French Storage Battery, I find that this work was done by two of Mr. Kennelly's assistants, both of whom insist that the plates were packed very carefully in excelsior in an inch plank box, and that any breakage must have been the result of unusually rough handling. Mr. Kennelly states that he unpacked those plates when they were first received at the Laboratory, and that he also observed the way in which they were repacked for shipment to you, and that in his opinion our packing was far superior to that which the goods received when leaving Canada, and therefore that they ought to have carried all right.

Yours truly,

No enc.

CFW.

December 3rd, 1891.

Victor H. Ernst Esq.,

Care of The Hall Sign al Co.,

#128 Front St., Brooklyn, N. Y.

Dear Sir:-

I am in receipt of a letter from the Laboratory, in which they state that they were unable to find in New York, jars that will accommodate piles of ten cells of your battery which I have sent there for test. Can you tell me where jars can be procured?

Yours truly,

No Enc.

157
765

CFW

December 7th, 1891.

Thomas A. Edison Esq.,

Care of The New Jersey & Penna. Concentrating Works,

Ogdensburgh, New Jersey.

Dear Mr. Edison:-

You are already aware that the Columbia Phonograph Company have called us to account for duplicating their records. I hand you herewith copy of my letter to the President of the Columbia Phonograph Company, under date December 5th, which I prepared after consultation with Major Eaton.

Yours very truly,

Private Secretary.

Enc. C. S.

DICTATION

161
768

[illegible] 9th, 1901.

[illegible]

[illegible] One of the five will [illegible] talked [illegible]

[illegible] day to see Mr. [illegible]

[illegible] considers the promised [illegible] than a [illegible]. He [illegible] a fortune of a diamond [illegible] cylinder [illegible] that [illegible] deal at [illegible]

[illegible] Schenectady tomorrow and I will [illegible] situation as it now stands.

Yours [illegible]

[illegible signature]

[illegible]

[illegible]

[illegible] Marks control about 3000 votes?

B. 116.
11-10-10K

EDISON GENERAL ELECTRIC CO.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

765
769

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
Smith	D.M.	3 P.M.	12/9 189

From whom received: Mr Thomas A.Edison .

To whom sent: Mr A. O. Tate , Private Secretary .

Give Mr Swan a note to Sorell asking him to give Mr Swan all the information just as he would give it to me .

B. 116.
11-10-88M.

769

EDISON GENERAL ELECTRIC CO.

PRIVATE LINE.

CONFIRMATION OF MESSAGE.

NOTE—This confirmation should be checked with the original message immediately on receipt. It will be assumed to be correct unless advised to the contrary by telephone.

Name of Person Sending.	*Name of Person Receiving.*	*Time.*	*Date.*
D.L. Matthew	Smith	2.45	12/9 189

From whom received: Mr A. O. Tate , Private Secretary .

To whom sent: Mr Thomas A. Edison , Ogden .

Mr Swan has been here this morning and wishes to get some information in regard to the progress which Sorell is making in the patent office . Itvappears that the Western Union people have declared their intention to appeal from the first decision of the examiner which we now know will be rejection . The law requires that before an appeal is taken , the examiner shall be asked to reconsider . Sorell is afraid that they are going to appeal direct from the first decision and neglect this latter point regarding reconsideration which might destroy the case in a higher court . Have I your authority to obtain all possible information from Sorell and to advise Swan fully thereof .

769
775

MAC

December 9th, 1891.

Thomas A. Edison Esq.,

Care New Jersey & Pennsylvania Concentrating Works,

Ogdensburgh, N. J.

Dear Mr. Edison:-

I have had an analysis made of Dyer & Seely's bills and I enclose herewith, a distribution by experiments. Will you please indicate how you consider each of these should be charged out. Those which are to go against yourself mark, "T. A. E."

You will observe that your Foreign Electric Railroad Patent expenses are very high.

Yours very truly,

Private Secretary.

Enc. 2.

MAC

774
778

December 9th, 1891.

Thomas Edison Esq.,

Care New Jersey & Pennsylvania Concentrating Works,

Ogdensburgh, N. J.

My Dear Mr. Edison:-

On the 16th of last month I sent you a draft of a letter which you are to write to Sir William Thompson and which is to accompany the record of the filament lamp litigation. I also enclosed some of your New York letter-heads, but you have probably used these up figuring out Ogden profits, so I send you some more now. Wont you kindly take time to write this letter? Thompson did you great justice in his testimony and he deserves this attention.

No enc.
Paper--separate cover.

640

CFW

December 9th, 1891.

Philip S. Dyer Esq.,

#34 Victoria St., Westminster,

London, England.

Dear Sir:-

In regard to the battery business in London, our Mr. Gladstone will be in London sometime around Christmas, and will have full information on this subject. I think it better to let the matter rest until then as he will be able to say much more than it is possible to write.

Yours truly,

Private Secretary.

No Enc.

775
779

PFW

December 9th, 91.

Thomas A. Edison Esq.,

Care New Jersey & Penna. Con. Works,

Ogdensburgh, New Jersey.

My Dear Mr. Edison:-

I enclose herewith for your information an analysis of our battery sales for the month of October, which averaged about $800.00 per week. You will find that these are all representative concerns, and that our trade is splendidly distributed all over the United States. There are no individual purchases which are very large, but the measures which I have taken to increase these sales, will I know be very effective. When you return to Orange I will give you a full knowledge of this new plan, and I am perfectly satisfied that you will heartily approve of it. We have got the business working in good shape, and we have no bad accounts on our books. We make a thorough investigation before opening any new account. If you read the statements which I send you weekly you will know that our collections are kept up to the mark. We have to sell on ninety days time. The amount of our accounts receivable is about $9,000.00; this in itself shows that we do not run behind on our collections.

Yours very truly,

Enc. C. 90.

Private Secretary.

778
809

December 7th, 1891.

Thomas A. Edison, Esq.,

New Jersey & Pennsylvania Concentrating Works,

Gladstone, N. J.

My Dear Mr. Edison:-

Butler has already written you in regard to my interview with Spencer Trask. Mr. Trask promised us cordial support at the Stockholders meeting of the North American Phonograph Company. Quite a number of people who bought stock through Spencer Trask intend to appear at that meeting, and it is therefore necessary for Mr. Trask to send a representative who will without doubt lead this faction. Of course, so far as the actual number of votes is concerned, they amount to but very little but we want the moral support.

I have been unable to find Mr. Adams to-day, but will reach him tomorrow. I found that the Bellhanns control 500 votes, and I went over there this afternoon and got the proxy to vote the stock.

With reference to the Graphophone, I think that there is really no doubt that they intend putting out not less than 500 machines within a very short time. I know for a fact that they

have secured sites for these machines in New York, and are starting in to run a Nickle-in-the-Slot business. I think they will meet with very qualified success, and I am satisfied that they take this action to force the hand of the North American Phonograph Company.

Mr. Easton of the Columbia Phonograph Company called to see me yesterday. You are probably aware that he is one of the Directors of the Graphophone Company. He told me that the Graphophone people were going to operate their factory and put their machines on the market, and I saw a letter in Bush's office to-day from the Columbia Phonograph Company signed by Mr. Easton as President, asking the authority of the North American Phonograph Company to sell graphophones. They of course will not obtain this authority, which will perhaps result in a new wheel being formed within the many wheels which are now revolving.

Mr. Easton stated that Mr. Lippincott owed the Graphophone people a large amount of money. I could not ascertain the exact amount, but from his general conversation I would judge that it is somewhere about $100,000 or $150,000. The effect of the arrangements which are now being made appears to be this:

We will obtain working control of the machinery of the North American Phonograph Company. As soon as this is accomplished we must capitulate with the Graphophone people. I do not think that we will find any provisions of contract which will enable us to take peremptory measures with them, and I am con-

(3)

firmed in this belief by remarks made by Bush during the conversation which I had with him to-day. We will have to proceed upon the line that a combination is better than a combat. As to the terms of such a combination, of course nothing can be said about these at present. We must next deal with the local companies and they must certainly be absorbed. Mr. Frank remarked to me to-day that the greatest menace to the Phonograph business is the existance of all these individual Companies and expressed his strong belief that no real advance could be made until they were wiped out. It is a pretty large undertaking, and will consume considerable time, but it is not impossible of accomplishment. Of course, so far as the factory is concerned, we can make an arrangement that will enable us to carry on business to an extent that will prevent losses there during the time that these local Company negotiations are being carried on.

I do not think there is anything alarming in the situation taking the present status of the business as a standpoint from which to view it, and I believe that a deal with the Graphiphone crowd will be the easiest part of the undertaking.

I saw a statement the day before yesterday of the earnings of the New York Phonograph Company for the year ending December last, their Nickle Slot machines. They had in service 135 of these, and their gross earnings were about $50,000. They had charged $57,000 expenses against these receipts for the purpose, I presume, of reducing the amount which they have to pay to the

Nickle-in-the-Slot Company. These expenses in all probability represent more than the whole of their operating expenses. These [illegible] show that the earning capacity of each machine was about $370.00 per year.

Yours very truly,

Private Secretary.

No enc.

DEPARTMENT OF EDUCATION

78

December 10th, 1891.

W. W. Swan Esq.,

#5 Pamberton Square, Boston, Mass.

Sorrell says has heard nothing, has not seen Buckingham since he left Washington.

A.O.TATE.

806

CHW

December 15th, 1891.

H. Charles Gover Esq., Assistant Secretary,

The Edison & Swan United Electric Light Company

#100 Victoria Street, London, S. W.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 26th ultimo, advising me that my letter of the 11th ultimo was placed before your Chairman and Deputy Chairman sitting in Committee, and indicating the willingness of your Company to co-operate with me in effecting an arrangement concerning electric lighting in Great Britain as outlined in my communication referred to above. I have taken pleasure in communicating the contents of your letter to the Edison General Electric Company, who are represented in London by their European Sales Agent, Mr. Philip S. Dyer, #34 Victoria Street, Westminster, London. I understand that Mr. Dyer has been fully instructed, and will therefore be in frequent communication with you during the progress of the negotiations now pending. I sincerely trust for the interest of all concerned that these may be brought to a satisfactory conclusion.

Yours very truly,

Thos A Edison

PHONOGRAPHIC DICTATION

No Enc.

625
900

MAC

December 17th, 1891.

The New Jersey & Pennsylvania Concentrating Works,
Edison Building, New York City.

Dear Sir:-

I beg to hand you herewith, Laboratory bills against your Company, amounting to $1858.92. Please acknowledge receipt.

Yours truly,

Private Secretary.

TRANSCRIPTION OF DICTATION

Enclosure 2.

660
899

MAC

December 17th, 1891.

The North American Company,
Mills Building, New York City.

Dear Sirs:-

I beg to hand you herewith, Laboratory bills against your Company, amounting to $76.61. Please acknowledge receipt.

Yours truly,

Private Secretary.

PLEASE QUOTE THIS

Enclosure. 1.

629
898

FBM

December 18th, 1891.

Edison Ore Milling Company,

Edison Buolding, Broad St., New York.

Dear Sirs:--

I enclose you herewith, Laboratory bills for the month of November against your Company for $192.92.

Yours truly,

PHOTOGRAPHIC FACSIMILE

Private Secretary.

Enc. F. 1.

614
a03

FBM

December 18th, 1891.

J. P. Ord, Comptroller,

Edison General Electric Company,

Edison Building, Broad St., New York City.

Dear Sir:--

I beg to hand you herewith, Laboratory bills for the month of November, amounting to $2,576.89 against the Edison General Electric Company.

Yours truly,

Enc. E. 2.

Private Secre

H.G.

79/
842

December, 28th, 1891.

Philip S. Dyer, Esq.,

#34 Victoria Street, Westminster,

London, England.

Dear Sir:-

I hand you herewith two statements one of which shows the number of Edison Lalande cells sold in Canada, from April 8th 1890, to August 24th 1891, the total litre capacity of which is 3,202 1/2 and the royalty due Dr. de Lalande, $160,12. The other statements show the number of cells sold in the United States for Electric Lighting purposes from Febuary 25th 1891, to August 24th 1891, the total litre capacity of which is 30 and the royalty due Dr. de Lalande $1,50. Will you please forward these statements or copies of them to Dr. de Lalandeand make payment of the total amount namely $161.62 reimbursing yourself in the usual manner through the Edison General Electric Company, I presume our action concerning sales in Europe will be satisfactory to Dr. de Lalande.

It is not worth while at present to make the account up.

Yours truly,

Private Secretary.

Enc. G. 3

742

MAC

December 29th, 1891.

Victor H. Ernst Esq.,

Care The Hall Signal Company,

128 & 130 Front Street, Brooklyn, N. Y.

Dear Sir:-

I beg to inform you that we ordered from the Gibson Electric Company, #72 Courtlandt Street, New York City, the glass cells required for the test of your storage battery. Our messenger who was sent to this address was informed that this size of battery cell was not kept. Can you tell me where we can obtain the same, as the want of them has delayed the commencement of the test of your battery? Please let me hear from you promptly. I would like to have this test started without any further delay.

Yours truly,

Private Secretary.

Mc enc.

832
919

MAC

December 30th, 1891.

Philip S. Dyer Esq., European Sales Agent,

Edison General Electric Company,

34 Victoria St., London, Westminster, W. C.

Dear Sir:-

I have received your letter 19th instant, and in reply beg to say that when Mr. Gladstone goes to London, he will bear a letter from Mr. Edison that, I think, will be entirely satisfactory. You can say to your friends that we intend to take this matter up earnestly and that Mr. Gladstone will be thoroughly equipped to make full arrangements with them.

I cabled you yesterday in regard to the Electrical Exposition at the Crystal Palace, asking if any awards were offered for primary batteries. If we could obtain a diploma or a medal, (and I am quite sure we can, if either one is offered), it will add greatly to the prestige of our battery, not only in Great Britain, but also in this country. I am expecting to hear from you today.

Mr. Gladstone has forwarded to London, a full set of Edison Lalande batteries and medical appliances, so that he will be all ready to enter the lists immediately upon his arrival. I will cable you as soon as it is definitely arranged when he will start. I think he will sail within ten days or two weeks.

Yours very truly,

No enc.

MAO

469

December 30th, 1891.

Colonel George E. Gouraud,

Edison House, Northumberland Avenue,

London, E N G L A N D.

My Dear Colonel Gouraud:-

I enclose herewith, a copy of my letter to you under date October 29th in which I asked you for a copy of the record of the suit brought against Yeomans in London, in the name of the London Stereoscopic & Photographic Company and the Edison United Phonograph Company. The record which I have received from your Attorneys consists of the pleadings in the suit by the Edison United Phonograph Company against the London Stereoscopic Company and is not at all what is required by Mr. Edison's Attorneys. Will you be kind enough to let me have a copy of Yeoman's record.

Yours very truly,

Yeomans attorneys are pressing us very hard and they ought to be given a

Enc. 10.

Your early response.

379

H.F.

January 12th, 1892.

H.P.Dwight, Esq., Vice President & Gen,Manager,
The Great North-Western Telegraph Company,
Toronto, Canada.

Dear Mr.Dwight:-

I am very much obliged for your letter of the 5th instant to which is attached a communication from your Superintendent of Supplies, Mr.Cox, concerning the cost of operating the Edison Lalande battery as compared with the cost of Gravity cells. Mr.Cox is entirely in error in his assumption that the displacement of 2732 gravity cells would require 850 cells of Edison Lalande batteries. The fact that we were able to displace 400 gravity cells by 100 Edison Lalande cells in connection with the wires which are now supplied with current from the latter does not indicate that the remainder of the gravity battery will require to be displaced with a proportionate number of Edison Lalande cells. If you will be kind enough to furnish me with a list of the wires taking batteries from your Toronto Office, outside of those which are now batteried with Edison Lalande cells, I will prepare a correct estimate of cost and submit the same to you. All your quad and duplex wires can be operated from one battery, and it can be arranged that other wires can take current from the same source. I trust that before taking further action you will

-2-

Permit me to submit these figures.

Yours very truly,

Private Secretary.

I would like to have a similar and separate list of the wires now attended with Edison-Lalande Cells.
These should show
① Length of wire in miles
② approximate resistance

PHOTOGRAPHIC DICTATION

8 enc.

882

H.G.

882
884

January, 12th 1892.

Major S. B. Eaton

Edison Building, Broad Street N. Y.

Dear Sir:-

I hand you herewith a notice from the Department of Taxes and Assessments of New York, addressed to Mr. Edison, and assessing him for personal estate for the year 1892, $10,000.00.

Mr. Edison is not a citizen of New York, and I presume that this bill has been made out against him in error. Will you kindly advise me and oblige.

Yours truly,

Private Secretary.

Enc. G. 7.

CFW

809
892

January 13th, 1892.

Thomas A. Edison Esq.,

Laboratory, Orange, N. J.

Dear Mr. Edison:-

In re. duplicating. I find that we have on hand a sufficient number of records to take care of orders for some time to come, and I have therefore instructed Walter Miller to close down and cut off all possible expense. He will have to keep Julia of course, but the others will go at the end of the week.

I think that I can shortly make a contract to supply all records for slot machines in New Jersey, New York and New England. The New York Phonograph Company spent upwards of $15,000.00 for these records during last year. Until we have a more definite market there is no use in our frittering away money in duplicating.

I would like to know now what price I can name for a supply of not less than say 1000 records per week.

The following is a close approximate estimate of cost based upon our experience at Silver Lake.

Four duplicators in use.

Capacity of each, 40 records per day.
Total output one day, 160 records.

Cost (per day)

Power & :	
Heat :	$3.00

Man (packer & helper)	$1.75
Girl (duplicating)	1.25
Cost 160 blanks, 10¢each from Phono. Works. $16.00 6¢each for N.A.P. Co. $ 9.60	25.60
Inspection	1.00
Packing (3¢each)	4.80
Walter Miller	4.00
Cost of Master records on basis that each of these costs $2.00 and will furnish 100 duplicates--160 at 2 ¢	3.20
Rent	1.00
Add for breakage & other contingencies 10%	4.50
Total cost 160 records	$50.10

Or say 31 cents each.
Cost duplicating (deducting blanks) 15¢each.
To double this output the following additions would be necessary:-

Estimate as above	$50.10
Girl (duplicating)	1.25
Blanks	25.60
Packing	4.80
Masters	3.20
Total cost 320 records	$84.95

Or say 26 cents each.
Cost duplicating (deducting blanks) 10¢ each.

Would you be willing to name a price of 35 cents each for not less than 1000 per week?

The cost of these would be 31 cents each on above basis. The margin of profit seems small, but we will have to carry little or no stock and have not got to provide for the expense of any selling organization.

I had hoped that we would be able to sell these duplicates at not more than 30 cents, as I believe that cheapening them will increase enormously their use and sale, but the above indicates

that we cannot do this at present.

It is quite probable that we can get the North American Company to take as their portion not more than 3 cents per record instead of 6 cents as now.

Please let me hear from you as I want to take up the matter of New Jersey and New York and New England at once.

Yours truly,

No Enc.

691
939

MAC

Walter Miller Esq.,
Edison Laboratory,
Orange, N. J.

January 15th, 1892.

Dear Sir:-

Mr. Edison states that by using round boxes for packing musical records we can save one cent oneach record. Please note this.

Yours truly,

Private Secretary.

No one.

815

H.F. January 20th, 1892.

The New Jersey & Pennsylvania Concentrating Works,

Edison Building, Broad Street, New York City.

Dear Sir:-

I hand you herewith Laboratory Bills against you for the month of December amounting to $2,066.78. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc.H.1.

614

H.F.

January 20th, 1892.

The New York Concentrating Works,

Edison Building, Broad Street, City.

Dear Sirs:-

I hand you herewith Laboratory bill against you for the month of December amounting to $85.46. Please acknowledge receipt.

Yours truly,

Private Secretary.

Enc.H.2.

823

CPW

January 20th, 1892.

J. P. Ord Esq., Comptroller,

Edison General Electric Company,

Edison Building, New York City.

Dear Sir;-

I hand you herewith Laboratory Bills against the Edison General Electric Company for the month of December, 1891, amounting to $3,447.02; please acknowledge receipt.

Will you kindly furnish me at the earliest possible moment with a statement of the Edison General Account against Mr. Edison for the month of December. I would like to have this before the Laboratory books are closed for the year 1891, in order that our balances may be exact for that period.

Yours truly,

Private Secretary.

Enc. C. 15.

MAC

270

January 21st, 1892.

A. E. Kennelly Esq., Consulting Electrician,

Edison Laboratory, Orange, N. J.

Dear Sir:-

I hand you herewith, a list of the wires of the Great North Western Telegraph Company of Canada which are batteried at Toronto. I desire to make an estimate for supplying these with current from Edison Lalande Cells. Wires No. 26, 27 & 28 are already batteried with our cells. Will you very kindly prepare a diagram. I don't wish, if possible, to take any shunts out of a battery, ~~that~~ but to run all the wires from one end. Of course, we can introduce artificial resistance, but perhaps you will not find this necessary. I think you will be able to group all these wires, so that we can use not more than three or four separate batteries. However, will you please arrange them in whatever way you consider the most desirable.

Yours truly,

Private Secretary.

Enc. 25.

MAC

January 21st, 1892.

The Orange Mountain Cable Company,

F. W. Child Esq., Manager,

#242 Main Street, Orange, N. J.

Dear Sir:-

Referring to your letter to me under date November 7th in regard to testing Mr. Edison's new system of Electric Railway Propulsion on the track which your Company is building in West Orange, I beg to advise you that I submitted this matter to Mr. Edison and he has had it under consideration. I am this morning in receipt of a letter from him, asking me to thank you for your kind offer and to inform you that the Edison General Electric Company have decided to make this test in New York City.

Yours very truly,

Private Secretary.

No enc.

842

January 22nd, 1892.

S I X F O L D, L O N D O N.

Gladstone sailed Wednesday fully informed my views foreign battery business; letter tomorrows mail.

E D I S O N.

924
926

MAC

January 22nd, 1892.
January 22nd, 1892.

Thomas Maguire Esq.,
Edison Laboratory,
Orange, N. J.

Dear Sir:-

Referring to your letter 16th instant in regard to communications which you have received from the Western Pennsylvania Phonograph Company in regard duplicate records, write these people and say that we will allow them a discount of 10% on records ordered in lots of 200 or more. Tell them, in regard to the records which are manufactured by a Chicago concern that we have had some of these sent to us and have tested them, and find that they are very poor, that we would not think of sending out such records and that if they desire to verify this they had better send to Chicago and get a few of them.

Yours truly,

Private Secretary.

No enc.
No, enc.

H.F.

929

January 26th,1892.

E.E.Daly, Esq.,

Daly's Hotel,

Greenwich, Conn.

Dear Sir:-

Referring to the interview which I had with you a few days ago I enclose herewith a letter which I addressed to our Counsel, Messrs.Eaton & Lewis,together with a copy of Major Eaton's reply. I understand that Mr.Frank McGowan's uncle, Captain Mc.Gowan (I do not know his initials) has been appointed administrator of the former's estate; if you will address a letter to the Surrogate's Court, City of New York, you will obtain all information on the subject. Your claim against Mr.Frank Mc.Gowan should be presented to his administrator whom I have named above.

Yours truly,

Private Secretary.

Enc.H.1,2.

EDISON ELECTRIC LIGHT CO., OF EUROPE, LIMITED.

January 26th, 1892.

930

F. S. Hastings Esq., Trustee,

Edison Building, Broad St.,

New York.

Dear Sir:-

I beg to acknowledge receipt of your letter 25th instant enclosing check of Messrs. Drexel, Morgan and Company, for $2,716.21, payable to your order and endorsed by you, to the order of the Edison Electric Light Company of Europe, Limited, same being the proceeds of the coupons collected by Messrs. Drexel, Harjes & Company on the founders parts of the Compagnie Continentale Edison, held by you as Trustee.

Yours truly,

TREASURER.

No Enc.

CFW

910

January 26th, 1892.

Major S. B. Eaton,

Edison Building,

Broad St., N. Y.

Dear Sir:-

I hand you herewith copy of correspondence concerning Mr. Edison's loan to the Automatic Phonograph Exhibition Company, of $5,000.00. Will you be kind enough to take whatever steps are necessary to enable Mr. Edison to obtain from the Automatic Company a proper recognition of this claim.

Yours truly,

Private Secretary.

Enc. C. 10.

903

H.F.

February 2nd, 1892.

J.P.Ord, Esq., Comptroller,

Edison General Electric Company,

Edison Building, Broad Street, City.

Dear Sir:-

I hand you herewith bills of Mr.Edison against the Edison General Electric Company for experiments conducted in his Laboratory under that part of his agreement of October 1st,1890 which secures to him One quarter of the Force and Resources of the said Laboratory for work to be conducted at the expense of your Company; together with certain charges in connection with patents, which are also provided for in the said agreement, the whole amounting to $15,462.00.

Kindly acknowledge receipt.

Yours truly,

Private Secretary.

PHOTOGRAPHIC REPRODUCTION

Enc.H.20,

Letterbook, LB-052

This letterbook covers the period August-October 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of phonographs and cylinder recordings and to legal and financial dealings among the various phonograph companies. Included also are several letters about the phonograph exhibit at the Montreal Electrical Exhibition. Some of the correspondence pertains to mining and ore milling and to production problems at the New Jersey & Pennsylvania Concentrating Works. Other documents relate to electric lighting, the construction of central stations, production problems at the lamp factory, and the effects of electrocution on the human body. There are also documents concerning electric traction systems, including two cost estimates prepared for Henry Villard, and a few letters about the kinetograph and the Edison-Lalande battery. Some of the letters deal with Edison's liquidation of his stock in the Edison General Electric Co. and other personal financial matters. A few pertain to Mina Miller Edison. The book contains 702 numbered pages and an index. Approximately 20 percent of the book has been filmed. Related documents for this time period can be found in LB-051.

Void

Aug. 24th, 1891.

Edison United Phonograph Co.,
Mills Building,
New York City.

Dear Sirs:-

Please place an order on the Edison Phonograph Works for the (50) musical records which were sent with your shipment for Central America. You will recollect that your Mr. Morrison gave me a verbal order for these but we require a written order so that we can obtain a requisition from the Phonograph Works upon the Laboratory.

Yours very truly,

Private Secretary.

P. S. As soon as you place this order on the Edison Phonograph Works and we receive from them a requisition for these musical records, we will send the Phonograph Works a credit memorandum for $2.50, that is 5¢ for each record which is deducted for the reason that the boxing and the packing was not done by us. Our price of 50 cents covers boxing and packing of records. In future if this work is done for you at the Edison Phonograph Works, we will charge 45 cents each for these records instead of 50 cents. of cylinder or each

E.

August 24th, 01,

A MEMORANDUM FOR WALTER MILLER.

In your note to me 21st instant, you say you think we should give the Edison United Phonograph Company a credit of 5¢ per cylinder for packing, and you make this price up as follows:- 3 1/2 cents for paste board boxes and 1 1/2 cents additional for labor and wooden box. I have instructed Mr. Randolph to make this credit and I have written the Edison United Phonograph Company asking them to send a formal order for those 50 musical records.

Yours truly,

B.

Aug. 26th, 1931.

A MEMORANDUM FOR WALTER MIZANE.

Mike will show you a letter from the Eden Musee. They say that any time you like you can go over and take some more musical records. Please bear this in mind.

Yours very truly,

B.

Aug. 24th, 1891.

Edison United Phonograph Company,
Mills Building,
New York City.

Dear Sirs:-

Will you be kind enough to let me know what action has been taken with reference to Mr. Edison's bills for experimental work which was handed you a few days ago by me, with a letter stating that the settlement was desired.

Yours very truly,

Private Secretary.

B.

Aug. 24th, 1891.

Edison United Phonograph Company,
Mills Building,
New York City.

Dear Sirs:-

I hand you herewith a letter from Prof. Bowditch of Harvard Medical School in regri to a phonograph for Prof. Hermann, of Konigsberg, who is investigating the mechanism of speech. It appears that you have had some correspondence with Prof. Bowditch upon this subject. Will you be kind enough to communicate with him again and advise him how soon you consider it will be possible for Prof. Hermann to obtain an instrument.

Yours very truly,

Private Secretary.

B.

Aug. 24th, 1891.

Prof. H. P. Bowditch,

Physiological Laboratory,

Harvard Medical School,

Boston, MASS.

Dear Sir:-

Mr. Edison desires me to acknowledge receipt of your letter 17th instant, and to say that he regrets exceedingly that the Edison United Phonograph Company has not yet furnished the Phonograph for Prof. Hermann. It is a matter, however, over which Mr. Edison personally has no direct control. He has written the United Company to-day asking them to kindly give the matter their attention and he trusts they will do so.

Yours very truly,

B.

Aug. 24th, 1891.

A MEMORANDUM FOR MR. EDISON.

Some of the Phonograph Companies object to the word "DUPLICATE", which is on all the musical cylinders that we are sending out. Of course we cant eliminate this on duplicates made from the present masters, but it could be left out in future if there is no particular objection. They state that the people think that there being sold and not getting music from original cylinders. One or two of the Companies have objected very seriously to it and if it is really unimportant I would like to have it left off in all future masters that we make. Please let me hear from you.

B.

Aug. 24th, 1891.

Gen. C. H. Barney, Manager,

International Electrical Exhibition,

Victoria Skating Rink, #48 Drummond St.,

Montreal, Quebec.

Dear Sir:-

In reply to your letter 20th instant, I beg to say that I have completed arrangement with Mr. Lombard in regard to the Exhibition of the Phonograph at Montreal. By the time you receive this letter you will without doubt have seen Mr. Lombard and learned from him exactly what we propose doing. The man who is to have charge of this exhibit will be in Montreal not later than 2nd of September. If there is any information that you require which you have not received from Mr. Lombard I will be glad to furnish it.

Yours very truly,

Private Secretary.

August 27, 1881.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

I return herewith galley proof of Mr. Edison's affidavit on the injunction proceedings against the Perkins and other Companies, which accompanied your letter of 26th instant addressed to Mr. Edison at the Lamp Works. Mr. Edison has read this proof and he says that it is O. K.

Yours very truly,

Private Sec'y.

August 27, 1891.

W. S. Forty, Esq.,

N. J. & Pennsylvania Concentrating Works,

Edison Building, Broad St., New York.

Dear Sir:-

I hand you herewith a paper with reference to the proposed Post Office at Ogden, which was sent to me on the 22nd inst. by Mr. Hart. Mr. Edison I understand has telegraphed the Company or has telegraphed the Ogden Works, in regard to the nature and size of the proposed office. It seems that this paper which I now hand you should be sent back to the Government at Washington. Will you kindly give the matter attention.

Yours very truly,

Private Secretary.

I have since learned from Mr Beck that the personnel of Land Office would be [illegible]

Aug. 27, 1891.

G. B. Eaton, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Referring to the attached correspondence and deed of the Edison Phonograph Works to the inhabitants of the Township of West Orange, will you please note Mr. Edison's remark upon the letter which I addressed to him under date 19th August. He says "How about Auchincloss mortgage?" Mr. H. B. Auchincloss holds a mortgage on the property of the Edison Phonograph Works in the sum of ten thousand dollars. Does this in any way affect our right to make a deed of Watchung Avenue.

Yours very truly,

Private Secretary.

*. I have instructed the works to mail your copy of the Auchincloss mortgage.

Aug. 27, 1891.

W. K. L. Dickson, Esq.,

Edison Laboratory,

Orange, N. J.

Dear Sir:-

Mr. J. I. C. Clarke, Managing Editor of THE MORNING JOURNAL, has referred to Mr. Edison your letter to him under date 11th instant, in which you demand a royalty for the use by the MORNING JOURNAL of the photograph of Mr. Edison, copy of which appeared in their issue of two or three weeks ago. Mr. Edison desires me to direct your attention to the fact that this photograph was made in his Laboratory, with his instruments, and by one of his own salaried employees, namely, yourself, and that you have no more right to claim copyright upon it than any other member of the Laboratory staff. Mr. Edison desires you to address a communication to Mr. Clarke withdrawing your letter under date 11th instant and stating that you were in error when you applied to him for the remuneration in question. At the same time please furnish Mr. Edison with a copy of the communication which he has requested you to write.

Yours very truly,

Private Sec'y.

Aug. 27, 1891.

J. I. C. Clarke, Esq.,

"The Morning Journal,"

New York City.

Dear Sir:-

I return herewith Mr. Dickson's letter to you under date 11th instant, together with a copy of a communication which I have to-day addressed to Mr. Dickson and which explains itself. Mr. Edison was extremely annoyed when he learned what Mr. Dickson had done. He gives expression to his feelings in regard to Mr. Dickson's demand in the attached memorandum which he left with me to forward to you.

Yours very truly,

Private Secretary.

Aug. 27, 1891.

George Parsons Lathrop, Esq.,

New London, Conn.

PERSONAL.

My dear Lathrop,-

Mr. Edison has read your communications in regard to the book, and I think that the best way for me to reply to them is to send you his original notes, which I enclose herewith. For the last two months Mr. Edison has been spending all his time at the Works of the New Jersey and Pennsylvania Concentrating Co. at Ogden, N. J. We have there a very valuable property which was almost destroyed by bad management and Mr. Edison has found it necessary to work night and day in order to get things into proper shape. During all this period we have not been able to get at him to do any business - in fact, he has practically been retired from the world.

Yours very truly,

Private Secretary.

August 27, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Enclosed please find the following papers:

(a) Draft of form of indenture, without date, Edison Phonograph Toy Manufacturing Company and the Edison Phonograph Works, marked on the outside A "Copy of Manufacturing Contract referred to in Edison's proposition to Ed. Phono. Toy Mfg. Co." The foregoing inscription in ink followed by these words in pencil: "Proposed Manufacturing Contract."

(b) Draft of license agreement Edison Phonograph Toy Mfg. Co. and Thomas Alva Edison, dated 1st day of July, 1889, marked on the back, in ink, "(A)Copy of Contract for Manufacture referred to in Edison's proposition to Edison Phono. Toy Mfg. Co." Also marked in pencil "License Contract."

(c) License agreement, without date, Edison Phono. Toy Mfg. Co. and Thomas Alva Edison; no marks on the back of this contract.

(d) Original letter from Mr. W. W. Jacques to Mr. Stevens, dated August 5th, 1889.

(e) Copy of letter dated July 16th, 1889, from Winfield S. Hutchinson to S. B. Eaton, Esq.

(f) Copy of letter dated August 10th, 1889, from Winfield S. Hutchinson to S. B. Eaton, Esq.

(g) Page No. 2 of a communication addressed by Mr. Winfield S. Hutchinson to Mr. Benj. F. Stevens, Hotel Windsor, Rue de Rivoli, Paris.

(h) Paper in my handwriting endorsed on the back "Proposition made by T. A. Edison (Through Mr. Tate) to Edison Phono. Toy Mfg. Co.

You will recollect that at the meeting in Mr. Insull's office between Mr. Hutchinson, Mr. Mackintosh and Mr. Madden, representing the Edison Phonograph Toy Mfg. Co., and yourself, Mr. Insull and myself, representing Mr. Edison, reference was made to the manufacturing contract between the E. P. T. M. Co. and the Edison Phono Works, and Mr. Hutchinson stated that I held certain papers which had been given to me by Mr. Benj. F. Stevens, the President of the Toy Company. The enclosed are the papers referred to by Mr. Hutchinson. They were handed to me in Paris by Mr. Stevens. The paper in my handwriting is the basis upon which the negotiations with the Toy Company were carried through. Mr. Hutchinson seems

to think that because this paper contains the following sentence: "Simultaneously the Company gives Edison a contract substantially in form submitted granting exclusive right to manufacture for sale in foreign countries etc," that the agreement for manufacture which ... executed should have been exactly the same as the one referred to in this memorandum. I told Mr. Hutchinson when he was submitting this paper (my recollection is that Mr. Jacques was with him) that I was not prepared at that time to settle the terms of a manufacturing contract, for the reason that his Company had not at that time assented to the conditions of this memorandum with respect to the issue of certain stock to Mr. Edison etc. In short, this was simply a basis of settlement and all details were deferred for future adjustment.

I submit these papers to you for the reason that I think this matter will come up again very shortly, and when it does you will want to be posted on the situation. It is Mr. Hutchinson's intention to demand some sweeping changes in the manufacturing agreement, and he is going to use this paper in justification of his claim.

Please acknowledge receipt, and oblige

Yours very truly,

Private Secretary.

August 27, 1891.

Edison United Phonograph Company,

Edison Building, Broad Street,

New York City.

Dear Sirs:-

Please place an order on the Edison Phonograph Works for the 50 musical records which were sent with your shipment to Central America. You will recollect that your Mr. Morison gave me a verbal order for these, but we require a written order, so that we can obtain from the Edison Phonograph Works a requisition upon the Laboratory. We find that there has been a slight overcharge on the records, for which we will send you a credit memorandum as soon as the Phonograph Works forward us the requisition.

Yours very truly,

Private Secretary.

August 28, 1891.

Louis Glass, Esq., District Manager,

Edison General Electric Company,

#112 Bush St., San Francisco, Cal.

My dear Glass,-

I have received your letter of 17th instant, enclosing a communication addressed to Mr. Edison by Mr. Aaron G. Spencer in regard to platinum. Mr. Edison has been away from the Laboratory for the last month or two, but I think he will be at home to-morrow, when I will submit this sample to him, obtain a reply and forward it to you immediately.

I do not think that Mr. Edison is going to California this fall, although the trip has been mentioned. Mr. Insull leaves in about a week for the Pacific Coast and I suppose will turn up in San Francisco in the course of two or three weeks.

I wish you would remember me very kindly to Major Frank Mc Laughlin when next you see him. With kindest regards to yourself

I am, yours very truly,

Private Secretary.

Aug. 28, 1891.

H. C. Ware, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I understand that up to the present time you have shipped to the North American Phonograph Co. about sixty phonographs under the contract for the sale of a thousand machines. How does this contract provide for payment? I am further informed that the North Am. Phono. Co. have sold all these machines. I think that by the terms of the contract we are entitled to call upon them for a certain proportion of the proceeds of these sales. Please look the matter up and advise me by telephone to-morrow.

Yours very truly,

Secretary.

Aug. 23, 1891.

H. C. Ware, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

You have received an order from the North Am. Phono. Co. for the shipment of 15 phonographs and certain supplies to Ottawa, Canada. These phonographs and supplies are to form part of an exhibit in the City of Montreal, Canada, which opens a week from Monday next. I have this exhibit in charge and am sending Walter Miller from the Laboratory to organize and start it. As our time is limited I will be glad if you will give this shipment your immediate attention, so that it can go forward with the least possible delay.

Yours very truly,

Secretary.

P. S. Please advise me at my New York office when it goes forward.

August 28, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

I desire to report to you that the lamps are still poor. Mr. Edison is putting all his time upon looking up the trouble and hopes soon to find out exactly where it is. I have decided to shut down the factory until Thursday morning of next week, by which time we will know where we are and probably have good carbons to work upon.

Yours very truly,

Aug 29th 1891

Mrs Dr. O. Edison
Port Huron
Mich

Dear Mrs Edison

As per request of Mr Edison I beg to enclose you herewith for the bapt. $15.00

Kindly hand same to them.

and oblige

Yours truly,
J. F. Randolph

Aug. 29, 1891.

Eb. W. Thomas, Esq.,

c/o N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

Mr. Edison has read your letter of 26th instant in regard to test on crusher feed. In reply, he says to do the best you can. He is obliged to remain at the Laboratory on account of work in connection with lamp.

Yours very truly,

Private Sec'y.

Aug. 29, 1891.

My dear Miss Field,-

Your letter of 25th instant is received.

I have hunted high and low for a doll suitable for your purpose and cannot find a single mechanism that would answer. The Phonograph Works have used the original tools for other purposes, and I cannot therefore duplicate the doll. I will try, however, and get one in New York, as there are several in existence.

Yours very truly,

Thomas A. Edison

Miss Kate Field,

Long Beach Hotel,

LONG BEACH, L. I.

August 31st 1890

I agree to exchange four hundred and thirty - Edison General Electric Co shares for three hundred and fifty New Jersey & Penna Concentrating works stock - if presented to me on or before the fifth of September — 1890 —
The said 350 shares being those owned by H M Sivor —

Thos A Edison

I accept above
H M Sivor

August 31, 1891.

W. S. Perry, Esq., Treasurer,

N. J. & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I beg to advise you that Mr. Edison has purchased from Mr. H. M. Livor twenty-five shares of stock of the New Jersey and Pennsylvania Concentrating Works, represented in Certificates No. 16, 72 and 231, which call for ten shares, ten shares and five shares, respectively. Please prepare for signature the forms of transfer on your books, so that the first time Mr. Livor is in your office you can have him sign these forms. Mr. Livor has executed a transfer of this stock, but formality requires that the books of the Company shall be signed.

Yours very truly,

Private Secretary.

August 31, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

In regard to supplying service wire to Mr. Burke's new house in Llewellyn Park for the operation of a motor, about which District Manager Shain wrote to the Laboratory some little time ago, I beg to inform you that the matter has been brought before Mr. Edison, and he says that it is impracticable for him to supply the service wire in question, for the reason that we cannot spare any more current from the Laboratory, being overloaded now.

Yours very truly,

Thomas A. Edison

Edison Phonograph Works,

Sept. 1, 1891

O r a n g e , N. J.

Dear Sirs:-

I return herewith your bill of August 27th against Mr. Edison, for $4,055.96, for twelve new model phonographs, six of which have been shipped to the Edison United Phonograph Co. Mr. Edison desires you to bill direct to the Edison United Phonograph Company the six machines which you have delivered to them. The other six machines he wishes you to have put in good order, packed carefully and sent to the Laboratory. These you can bill against Mr. Edison.

Yours truly,

Private Secretary.

August 31, 1891.

N. A. Jennings, Esq.,

Dallas, Texas.

Dear Sir:-

Your letter of 20th ultimo has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago.

Mr. Edison read your communication with much interest, and in reply instructed me to say to you that your ideas with respect to moving photographs are, in general, correct. The glass cylinder idea would not, however, be practicable, on account of the great difficulty of stopping and starting 40 times in a second, which is necessary in order to take a complete picture. Mr. Edison uses simply a thin band of film.

A description of Mr. Edison's KINETOGRAPH (the invention mentioned in the newspaper paragraph to which you refer), written by George Parsons Lathrop, appeared in "Harper's Weekly" a few months ago. A description of the apparatus was also published in all the prominent newspapers.

Yours very truly,

Private Sec'y.

August 31, 1891.

Fred E. Strom, Esq.,

c/o Edison Gen'l. Electric Company,

New York City.

Dear Sir:-

Your letter of 24th ultimo in regard to Mr. Edison's Ore Milling process, has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago. In reply he has instructed me to inform you that he is not yet prepared to dispose of his Ore Milling process in foreign countries. Thus far the machines have been manufactured for our own use only and none have been sold to outside parties. Mr. Edison has also instructed me to inform you that a countryman of yours named Wenstrom has an ore milling process which has been worked successfully in this country and which is probably in operation in Sweden. The Wenstrom machine seems to be a good one, and it is cheap. Perhaps it would be applicable to the mine in Sweden referred to in your letter under reply.

Yours truly,

Private Secretary.

Sept. 1, 1891.

P. Cardew, Esq.,

Brunswick, Working,

England.

Dear Sir:-

Upon my return to the Laboratory a few days ago after a prolonged absence I find your letter under date 21st of June. I note what you say in regard to your voltmeter being manufactured by Messrs. Queen & Co. without my acknowledgement, and that they claim a similar instrument was exhibited by myself at the Paris Exposition of 1891.

I suppose that Queen & Co. refer to a long tube with bulb on end exhausted and in which was a long thin platinum iridium wire, which served to rotate a pivoted lever upon which there was a mirror. This was shown in Paris, in the Exposition named, but it was not arranged for electric lighting work, and doubtless there are essential points of difference in your instrument and in your patent which would enable you to prevent Messrs. Queen & Co. from manufacturing your apparatus.

Yours truly,

Thos. E. Ives

C O P Y.

B.

Jersey City, N. J. August 19th, 1891.

A. O. Tate, Esq.,

Care Edison Laboratory,

My dear Sir :-

I have your favor of the 18th instant, enclosing a circular or copy of a circular that you have addressed to the various phonograph companies in regard to the duplicating business. I was unaware until the receipt of your letter of the arrangements made between Mr. Edison and Mr. Lippincott in regard to the duplicating business, or that the Edison Phonograph Company did not control the same. I note what you say about the desire of Mr. Edison to furnish these duplicates to the local companies at a low price so as to enable them to increase their revenue largely from the Nickel-in-the Slot machines.

I have to thank you for the list of the music which you are prepared to supply at the present time.

I note also that the Edison Phonograph Works are prepared to supply small weights upon our order to the local companies if they make requisition on us for them. I will notify the local companies as soon as I receive from the Phonograph Works the price of these weights, that we will be prepared to supply them as "speq-

ial extras" at a price to be quoted by us, and will receive their orders for the same.

Thanking you for the information given me, I remain.

Yours very truly,

(Signed) THOS. R. LOMBARD.

Sept. 4, 1891.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I have your letter of 1st instant in regard to contract. If I understand the contract correctly, in the event of your shipping no ore you pay no royalty, whether you continue the business or abandon it. It would therefore seem unnecessary to insert an additional clause.

The $3500 note was mailed to Mr. Ira Miller several days ago.

Yours very truly,

Sept. 4, 1891.

Philip S. Dyer, Esq.,

Rue Osy 432,

ANTWERP, Belgium.

Dear Sir:-

I enclose herewith credit memorandum for $1,000.00 in favor of Messrs. Lalande and Chaperon, for amount of minimum royalty as provided for in contract between the gentlemen named and Mr. Edison under date 24th day of August, 1889, $2,000 per year, payable half-yearly in advance. Please be kind enough to remit one thousand dollars to Messrs. Lalande and Chaperon, in accordance with the enclosed credit memorandum, and charge the same to Mr. Edison's account.

Yours very truly,

Private Secretary.

Sept. 4, 1891.

To the Duke of Marlborough,

Blenheim Palace, Woodstock,

England.

My dear Sir,-

Upon my return to the Laboratory a few days ago after a prolonged absence I found your letter of 27th of June.

I will send to you by an early steamer a dozen duplicates of phonograph cylinders, vocal and instrumental, which we are making by a new process. These will be packed very carefully and I hope that they will reach you in good condition.

I am sorry that your Electric Lighting Company adopted the alternating current. I have just got out a 200 volt lamp, so that an area of sixteen square miles is possible with our system. There are plenty of places in the back streets of London for central stations. The great trouble is that your electricians are not business men and your business men are not electricians. The combination results in the ultimate ruin of the pioneer investors.

Yours very truly,

Thomas A. Edison

August 31, 1891

R. L. Garner, Esq.,

Warren Green Hotel,

Warrentown, Va.

Dear Sir:-

Your letter of 27th ultimo, in regard to certain experiments conducted by you with the phonograph and graphophone in an investigation of the language of the monkey, was received in due course of mail, but has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago. Mr. Edison was much interested in the account of these investigations that appeared in the newspapers, and upon reading your communication he remarked that it was a matter of wonder to him how you were able to obtain any results at all from your experiments, considering the phonographs and graphophones available for your purpose.

In regard to furnishing you with phonographic supplies for use in connection with the experiments which you propose conducting in Africa, Mr. Edison would be very pleased to do what he could in the way of equipping you with the best of apparatus for your special work, but it would be necessary for you to first arrange the matter with the Edison United Phonograph Company, which

R. L. Garner, Esq. -2- Sept. 3, 1891.

Building, Broad St., New York City, without whose permission Mr. Edison could do nothing in the premises, as that Company controls the phonograph outside of the United States and Canada. Mr. Edison is precluded by his contracts from supplying phonographic supplies to any one without the consent of the Company controlling the territory in which the supplies are to be used, and an instrument for use in Africa could only be obtained from the Company mentioned. Mr. Edison has nothing whatever to do with the commercial side of the phonograph business.

Providing you succeed in obtaining the permission of the Edison United Phonograph Company, Mr. Edison thinks that he will be able to fit you out with some good apparatus by the time you are ready to go abroad. He can provide you with a phonograph that will be twenty times more sensitive and accurate than any yet made, and moreover with the machine which Mr. Edison has in mind it will be possible to take a fifteen minutes continuous record.

When you have settled the matter with the Edison United Phonograph Co. Mr. Edison will be glad to hear from you again on the subject.

Yours very truly,

Private Secretary.

Sept. 5th, 1891.

TO WHOM IT MAY CONCERN :

This is to certify that the bearer, ALFRED JOHN LUDECKE, was employed in my Laboratory about two years (1888-1889), during all of which period he performed the duties assigned to him in a satisfactory manner. He left my service of his own accord, and I cheerfully recommend him to any one in need of such assistance as he is capable of rendering.

Thos A Edison.

B.

Sept. 8th, 1891.

W. H. Miller, Esq.,

Windsor Hotel,

Montreal, CANADA.

Dear Sir:-

In reply to your letter, 3rd instant, I instructed the Laboratory to forward you a check for ($100.) one hundred dollars. In regard to hotel accommodation, the rate of $3.50 per day is as low as can be had in Montreal. Please keep me advised as to the receipts of the Nickel Slot machines. You understand that you are in charge of this exhibition and you should check the amounts collected by these machines whenever the cash boxes are opened. You understand what my arrangement is in regard to this revenue and therefore you will appreciate the importance of keeping your eye on it and of knowing exactly what amounts are collected.

Please let me know how everthing progresses.

Yours truly,

Private Secretary.

Sept. 8, 1891.

W. S. Perry, Esq., Treasurer,

New Jersey & Penn'a. Concentrating Works,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter without date, advising me of the increase of the Capital of the New Jersey and Pennsylvania Concentrating Works from $500,000 to $600,000, and of a call of $40,000 upon the unpaid Capital Stock of the Company, my share of which is six shares, and my assessment $600. I am indebted for this information.

Yours truly,

Sept. 8, 1891.

Mr. Kennelly,-

I have your letter of 5th instant, enclosing a list of apparatus needed by the Laboratory to complete a model exhibit plant in the Trenton Feeder case. I will see that an order from the Legal Dep't. of the Edison Gen'l. Elect. Co. is sent immediately to cover this list.

Yours very truly,

Sept. 8, 1891.

Col. George E. Gouraud,

Edison House, Northumberland Avenue,

London, W. C., England.

Dear Sir:-

Your letter of 13th ultimo was received with enclosures. I regret that you and Mr. Hardingham assigned these patents without first getting my consent, and really do not think that you had any right to do so.

I note that you retain the rights for dolls etc. in yourselves, and I shall soon send you a form of assignment transferring them to me.

Please do not assign or allow to be assigned any other patents or inventions of mine without first getting my written consent.

Kindly acknowledge receipt of this letter, so that I may know you received it, and oblige

Very truly yours,

Thomas A. Edison

PERSONAL.

Sept. 8th, 1891.

M. E. Smith, Esq., Chief Train Dispatcher,

New York, New Haven & Hartford R. R. Co.,

New Haven, Conn.

My dear Sir:-

In reply to your letter of 5th instant, I beg to say that there is no immediate prospect of your being able to get one of the new phonographs. If you contemplate purchasing I would advise you to buy the machines now on the market, unless you feel inclined to wait for a very long and very indefinite period.

Yours very truly,

Sept. 9, 1891.

Mr. S. Bydell,

Kokstad, East Griqualand,

South Africa.

Dear Sir:-

Your letter of 28th of July, in regard to mica, was received in due course of mail, and the same has been perused by Mr. Edison. The latter has also examined the sample of mica which you kindly sent, and he says that it is of no value for electrical purposes. In the State of New Jersey alone there are over 300 mines containing mica of the same quality as the sample submitted by you, from which large quantities of the material can be obtained - from two to ten tons per day. Mica for use in the electrical business must come in perfectly flat sheets, free from rinkles or breaks; size from 3 x 3 to 8 x 8. The price varies according to the size. Sheets 3 x 3, perfectly flat, without any rinkles, colored or uncolored, sell for 50 cents a pound; sheets 6 x 6 bring $1.50 per pound. There are enormous deposits of mica over the border in Canada. There is one mine there where thousands of tons of mica are in sight. There are also numerous deposits of the mineral in the United States, and the market at the

present time is somewhat glutted.

Thanking you for your letter

I am, yours very truly,

Private Secretary.

B.

Sept. 9th, 1891.

Gen'l. G. H. Barney,

Windsor Hotel,

Montreal, CANADA.

Dear Sir:-

I have your letter of 31st ultimo in regard to an exhibition of the phonograph which is being given on the streets of Montreal. You omitted to enclose a copy of the hand bill which is being distributed. I wish you would very kindly supply the omission so that I can take the matter up with Mr. Lombard. It is a great pity that these mountebank exhibitions should be permitted. I have taken the liberty of sending your letter under reply to Mr. Lombard and I have told him that I will communicate with him further as soon as I receive the hand bill in question.

Please accept my thanks for having called my attention to the matter, and believe me to be

Yours very truly,

Private Secretary.

Sept. 9, 1891.

Rufus Mead, Esq.,

No. 242 Main Street,

Orange, N. J.

Dear Sir:-

Your letter of 7th instant is at hand. The matter of the deed of Watchung Ave. to the Township of West Orange is receiving attention, and we hope to have the deed ready for execution in the course of a day or so.

Yours very truly,

Private Secretary.

Sept. 9, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter received from Mr. Rufus Mead, of Orange, in regard to the deed of Watchung Avenue to the Township of West Orange. Will you kindly inform me when I may expect to receive from you this document, and much oblige

Yours very truly,

Private Secretary.

Copy.

Orange, N. J. September 7th, 1891.

Mr. Tate,

Dear Sir:-

Will you please inform me what action has been taken by the Edison Company in reference to the deed of Watchung Avenue to the Township of West Orange.

About six weeks ago a young man called on me, saying he was attorney or agent for the Company and after telling him what the other property owners had done, and what they wished the Edison Company to do, he told me he would let me know in a few days, but I have not heard yet, and the property owners who have signed a deed are harassing me to get the one from the Edison Company. Please let me know soon what they have done, or what will be much more satisfactory, send the deed to me.

Yours truly,

(Signed) RUFUS MEAD.

Sept. 10, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I have received your letter of 9th instant, enclosing three Proofs of Claim against the assigned estate of Jesse H. Lippincott, as stated.

In regard to Proof of Claim, for damages to accrue under the contract of August 1st, 1888, which you have fixed at $82,500, the amount which was to have been paid me for experimental purposes, Isn't this North Am. Phonograph Co.? I did not know it was personal. Also, does not filing these claims put a lien on the note and in that way cloud its sale? If there is no prospect of getting anything, why cloud the claims, especially if the N. A. P. Co. is liable for the experimental bill.

Yours very truly,

Thomas A. Edison

P. S. I have not executed the Proofs of Claim, and before doing so would like to hear from you on the above points.

Sept. 10th, 1891.

J. I. C. Clarke, Esq.,
THE MORNING JOURNAL,
New York City.

My dear Sir,-

Mr. Edison has read your letter of 4th instant in regard to a man named Chas. G. Loeber, who you say has some ideas on the subject of aerial transportation, and in reply he has asked me to acquaint you with the fact that we have at the Laboratory a shot gun for the especial benefit of aerial navigation cranks. The young man to whom the manipulation of this gun is entrusted has a great objection to inventive cranks in general, but if there is one to whom he has an antipathy greater than another, it is the crank of cranks, who in order to explain some hitherto unknown phase in his specialty, coins a new word and springs it upon an unsuspecting public. A crank of this latter description wouldn't be safe within gun shot of the Laboratory. I think, therefore, that under these circumstances our friend Loeber had better keep away from here.

Yours very truly,

Private Secretary.

Sept. 10, 1891.

Alex. Elliott, Jr., Esq.,

P a t e r s o n , N. J.

Dear Sir:-

Mr. Edison has read your letter of 5th instant.

With reference to the man with whom Moller says he is in communication regarding his property, this man is not acting in Mr. Edison's interest, and he knows nothing of him. Mr. Edison says that the figure which Moller asks for his property - $10,000 - is O. K., providing the ore is there. A six months option on this property will do.

Mr. Edison notes what you say with relation to the Bryant mine, and he says that the time is too short.

In regard to the Dickerson mine, Mr. Edison does not think that we could do anything with this property.

Mr. Edison is not interested in the "to and fro winder" referred to in your letter of 1st instant.

Yours truly,

Private Secretary.

Sept. 11, 1891.

Alexander Elliott, Jr., Esq.,

P a t e r s o n , New Jersey.

Dear Sir:-

Mr. Edison has read your letter of 8th instant and notes what you say in regard to the Sussex County Iron Company transaction.

With relation to the Split Rock Mine, Mr. Edison says that you can go ahead and take the lease on this property.

Yours truly,

Private Secretary.

Sept. 14th, 1891.

Charles D. Shain, Esq., District Manager,

Edison Gen'l. Electric Co.,

Edison Building, Broad St., New York City.

Dear Sir:-

This letter will be handed to you by Mr. J. P. Griffin, who is desirous of obtaining a position, if possible, with the Edison General Electric Company. Mr. Griffin worked for a short time in my Laboratory, in the Chemical Department, and while there he performed the work entrusted to him to my satisfaction. Mr. Griffin informs me that he has kept himself familiar with electrical affairs, and he is of the opinion that if given an opportunity in some one of the departments of your Company he could make himself useful. I commend him to your consideration.

Yours very truly,

Thos A Edison

Sept. 14, 1891.

Geo. Parsons Lathrop, Esq.,

No. 29 West Washington Square,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning in reply to your letter of 12th instant:

"Mr. Edison is in Orange and will be here until Wednesday. A. O. Tate."

Yours truly,

Private Secretary.

Sept. 16th 1891

Thos. A. Edison Esq
Orange N.J.

Dear Sirs.

I beg to advise you that in selling your 2-$5000. Bonds of New York, New Haven & Hartford R.R. 4½% Bonds which cost you $11041.39 and sold at $10287.50 you lost $753.89/100 and in selling your 50-$1000. Bonds 30% of City of Hartford which cost you $49862.36 and sold at $44921.07/100 you lost $4941.29/100

Yours truly
John B. Randolph

Sept. 16th 1891

Lewis & Phillips
Newark N.J.

Dear Sirs.

We return herewith your bill for casting condenser bedplate the charge of 6¢ per lb. we consider excessive, for the following reasons, the casting was full of blow holes some of them filled in with putty and painted over so we would not notice them we were compelled to plug it in several places to make it tight it was the worst piece of work we have ever seen and we would not have accepted it had not our mill been shut down awaiting this casting, as you know we accepted it under protest.
We have never paid you more than 4½¢ per lb for casting before & cannot understand the difference in price.
Give this matter your earliest attention and oblige

Yours truly
Edison Laboratory

B.

Sept. 16th, 1891.

W. Stinson, Esq., Secretary,

Iowa Phonograph Co.,

Sioux City, IOWA.

Dear Sir:-

Mr. Edison has asked me to reply to your letter to him of 3rd instant, with relation to trouble experienced by you in connection with Nickel-Slot Phonograph.

You will find that your Slot Phonograph will keep in good adjustment and give you little or no trouble if you will observe the following advice:

Always keep the hundred thread nut of phonograph adjusted in such a manner that it runs smoothly along the screw of main shaft; always keep the back rod well oiled and cleaned so that the nut arm will not be strained or strung by pushing the spectacle-arm along.

One cause of the trouble in question, and one that can not very well be detected, is the contraction and expansion of cylinders caused by heat or cold.

If a cylinder is recorded at a certain temperature and is reproduced at a much higher or lower temperature, it will no doubt

got out of adjustment. If you will kindly send us the average temperature of your city,-that is where you use your phonographs- we will try and furnish you records that will give you no trouble. The new musical reproducer which I suppose you have heard of and perhaps already have rarely gets out of adjustment, as it has plenty of the lateral play which you speak of in your letter.

With reference to the lateral play of the needle in reproducer you are now using, this has been tried and we found there was too much friction of the axis pin along the bearings.

Yours very truly,

W.H. Miller

Expert.

Sept. 16, 1891.

A. O. Tate, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I beg to confirm the receipt of your telephone message of to-day in regard to the report on the Catoctin Mine and my replies thereto, as follows:

"There is a report which was to be submitted to Mr. Edison on his return from Ogden on Catoctin Mine of Maryland. Did he examine it and with what result? A. O. TATE."

"Re Report on Catoctin Mine: Mr. Edison has not yet examined this report. I will submit it to him this afternoon and communicate with you again immediately thereafter. Thos. Maguire."

"Referring again to your message in regard to the Catoctin Mine, Mr. Edison has read the report thereon and he has instructed me to say to you that he will have one of his experts visit Frederick Co., Maryland, and examine the property, after which he will communicate with you further on the subject. Thos. Maguire."

Yours very truly,

Thomas Maguire

Sept. 16, 1891.

A. O. Tate, Esq., Ass't. to 2nd Vice-President,

Edison Gen'l. Electric Co.,

Edison Bdg., Broad St., New York.

Dear Sir:-

Your letter of 15th instant, enclosing copy of a letter addressed by you to the Manager of the Sales Dep't. upon the question of economy of lamps supplied to certain Edison Central Stations, is before me.

My opinion is that if the Lamp Factory does not turn out long-life lamps soon, which I think they will, the economy for these lame stations to which you refer should be reduced to 212 per h. p.

Yours very truly,

Sept. 16, 1891.

Henry Villard, Esq.,

Mills Building, Broad Street,

New York City.

Friend Villard,-

I am much obliged to you for the time table for passenger trains which you sent to me with your letter of yesterday's date.

The location which you suggest for a trial track would suit me, but I think that you would have difficulty in getting parties to go there.

Yours very truly,

Sept. 17, 1891.

Henry Villard, Esq.,

Mills Building,

New York City.

Friend Villard,-

I find that the time table which you have been good enough to send me is of the Chicago, Milwaukee & St. Paul R. R. What I desired to have, however, was a similar time table with freight and passenger trains of the Wisconsin Central, which I hope you will be able to obtain for me.

Yours very truly,

Alfred Sloan

B.

Sept. 17th, 1891.

Major S. B. Eaton,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Shortly after Frank McGowan disappeared he made a loan to Mr. W. K. L. Dickson, of the Edison Laboratory, of Five hundred dollars, (500.) receiving as collateral 150 shares of the Capital Stock of the Edison Ore Milling Co. Limited, which were in Mr. Dickson's name and which were endorsed by the latter. These Stock Certificates have disappeared with McGowan. Dickson desires to obtain a reissue. He will, of course, have to file a bond of indemnity. Will you kindly let me know what steps he should take in order to start this matter? Should he address a communication to the Edison Ore Milling Co. Limited, or how should he proceed?

Yours very truly,

A. E. Tate
Jr.

B.

Sept. 18th, 1891.

W. S. Perry, Esq., Treasurer,

N. J. & Penn'a Concentrating Works,

Edison Building, Broad St., New York.

Dear Sir:-

I beg to acknowledge the receipt of your favor of 17th instant, enclosing the following Stock Certificates of the New Jersey & Pennsylvania Concentrating Works, all of which have been paid for by me:

No. 383, in the name of Mina Edison, 1 share.

No. 382, in the name of Thomas A. Edison, 13 shares.

No. 380, " " " " " " " 41 shares

No. 381, " " " " " " " 86 shares

No. 387, " " " " " " " 171 shares

Yours very truly,

Thomas A. Edison

B.

Sept. 18th, 1891.

Gen'l. C. H. Barney,

International Electrical Exhibition,

#49 Drummond St., Montreal, CANADA.

Dear Sir:-

I beg to acknowledge with thanks receipt of your letter 15th instant, enclosing a dodger advertising the Edison Phonograph. I am glad to learn that the phonograph Exhibit at the Exhibition is being handled satisfactorily.

Yours very truly,

Private Secretary.

Sept. 19, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

With reference to your letter of 18th instant, it is Mr. Samuel G. Burn whom Mr. Edison desires to examine the Catoctin Mine, and he is to make the examination as soon as he finishes the work upon which he is now engaged. I have been unable to ascertain when Mr. Burn is likely to return to the Laboratory, but I have reason to believe that he will do so before a great while. I will communicate with you before Mr. Burn leaves for Maryland to examine this property, so that you can arrange for his accommodation upon his arrival there.

Yours very truly,

Thomas A. Edison

E.

Sept. 19th, 1881.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between us to-day:

"Referring to a communication addressed to me by Mr. Edison with relation to supplying certain Central Stations with low economy lamps, my understanding is that Mr. Edison means 212 candles per horse power. Please show this message to Mr. Edison. Let me have a reply promptly. A. O. TATE."

"Your understanding is correct. Mr. Edison means 212 candles per horse power.
T. Maguire."

Yours truly,

T. Maguire

Sept. 19, 1891.

Mr. C. H. Tarr, Supt.,

Sargent Card Clothing Co.,

Worcester, Mass.

Dear Sir:-

I have your letter of 17th instant. My understanding is that the price quoted is per square foot. Is that correct? It is impossible for me to send you an order just yet, until I see how the experiment comes out. So far it is going all right. The price I am afraid is going to throttle its use somewhat.

Yours very truly,

Thomas A. Edison

A.

Sept. 21, 1891.

Major Evans,

Ft. Myers, Florida.

Dear Sir:-

The bearer, Mr. Gaston, has charge of the Gilliland property. He understands that there are some things in the Laboratory which belong to the steam yacht. If there are, you have my permission to deliver the same to Mr. Gaston.

Yours truly,

Thos. A. Edison

B.

Sept. 21st, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message which I telephoned to you this afternoon:

"Mr. Edison has prepared the annexed letter to send to the Edison United Phonograph Company. Before mailing the same he desires you to submit it to Major Eaton and ask him if it will affect in any way contracts now existing between himself and the United Company:

Edison United Phonograph Co., September 21st, 1891.

Mills Building, Broad St.,

New York City.

Dear Sirs:-

According to the contract entered into between the Edison United Phonograph Company and the Edison Phonograph Works, the profit allowed the works is twenty per cent (20%) on all things manufactured by them. By mutual consent this clause is abrogated [illegible] or [illegible] from the date thereof, and in lieu of the

twenty per cent profit allowed, the Phonograph Works will deliver new style phonographs, with speaking and listening tube, packed, for sixty dollars (60.00) each, and Nickel-in-Slot mechanisms complete ready for use, but without battery, for ninety dollars (90.00) each. We shall try and fill your orders as fast as possible. Please answer if this is satisfactory.

Yours truly,

THOMAS A. EDISON,

President

EDISON PHONOGRAPH WORKS."

I send you the foregoing at Mr. Edison's request. He would like you to give the matter your prompt attention.

Yours very truly,

Thomas A. Edison

Sept. 21, 1891.

Messrs. Eaton & Lewis,

Edison Building, Broad St.,

New York City.

Dear Sirs:-

Re Watchung Deed. I return herewith deed of the Edison Phonograph Works to the inhabitants of the Township of West Orange, which Mr. Edison has signed. I have attested it as Secretary of the E. P. W., and have also signed the acknowledgement. Please affix to the document the seal of the Edison Phonograph Works (which is in your office), and return it to me at the Laboratory, when I will swear to it before Mr. Randolph, as Commissioner of deeds, who will attach his seal and thus complete the document.

Yours very truly,

Secretary.

MEMORANDUM FOR MR. RANDOLPH:

Sept. 22, 1891.

I want you to send me in to-morrow (that is to-day) a memorandum showing exactly how our bills are made up against the Edison Gen'l. Electric Company. Take the first bill that is rendered for the month of October, 1890. I think that it is a bill for a lamp experiment. There are, I think, about seventeen dollars of details given, and the balance, some $600, is labor and fixed charges. I am not exactly sure as to these figures, but the proportions are about as I have named them. It is the bill mentioned on the first statement of this series of bills. If you do not understand just what I want call me up on the telephone to-morrow morning and I will explain it further.

A. Tate
A.

Sept. 22nd, [illegible]

[illegible] Company,
[illegible]
Montreal, Quebec, Canada.

Dear Sirs:-

I send you herewith copy of a letter which I have [illegible] from Mr. Lombard, Vice-President of the North American [illegible] with Mr. [illegible] in regard to the dodgers which are being circulated in the City of Montreal, one of which you forwarded to me some [illegible] time ago. Mr. Lombard as you will see expresses his intention to stop this mountebank business.

Yours very truly,

Private Secretary.

AMERICAN PHONOGRAPH COMPANY.

C. H. W.
By

Jersey City, N. J., Sept. 19,01.

A. O. Tate, Esq.,

Orange, N. J.

Dear Mr. Tate:-

I have your favor of the 17th instant, enclosing the dodger which you say is being distributed in the City of Montreal.

I beg to thank you for sending it to me, and I shall take immediate steps to investigate and to stop any such kind of business being done. I quite agree with you that it is the sort of thing that tends to destroy legitimate business.

I do not think our agents at Ottawa are informed of this, nor can I quite believe that it is put out with the authority of the Montreal agent, but that some party who has purchased machines has sent it out. Of course if this is the case it is beyond our power to control; at any rate I shall make a thorough investigation and let you know the result.

Thanking you for your kindness, I remain.

Yours truly,

(SIGNED) THOMAS R. LOMBARD.

H.

Sept. 22nd, 1891.

Thomas R. Lombard, Esq., Vice-President,

North American Phonograph Company,

#14 & 16 Morris St., Jersey City, N. J.

Dear Mr. Lombard:-

I have your letter 19th instant, stating that you intend investigating the matter of the dodgers which are being circulated in Montreal, one of which I sent you some little time ago. I hope that you will be successful in suppressing them.

Yours very truly,

Private Secretary.

Sept. 22, 1891.

My dear Brewster,-

Your letter of 16th instant, enclosing check for one hundred dollars, on account, was duly received by me, and the same has been placed to your credit.

Your remittance was a pleasant surprise. So many of the boys are afflicted with forgetfulness in connection with little matters of this kind that when one of them does the "kind act" it startles me somewhat.

Yours very truly,

Thos. A. Edison

Wm. F. Brewster, Esq.,

No. 419 Maple Avenue,

Oak Park Illinois.

Sept. 23, 1891.

Thomas A. Edison, Esq.,
N. J. & Penn'a. Concentrating Works,
Ogdensburgh, N. J.

Dear Mr. Edison,-

I enclose herewith copy of a letter which was received by Mr. Kennelly from Dr. Southwick, with relation to the experiments conducted for him at the Laboratory.

Yours very truly,

C O P Y.

Buffalo, N. Y., Sept. 21st, 1891.

A. M. Kennelly.

My dear Sir:-

For the experiments you have so kindly made for me, allow me to thank you personally and also Mr. Edison through you. It was really more than I expected you would do. I think it will fully settle the question of electrocution. It will remove all the unsightly part of an execution(scalding).

The heat was exhibited at the dryest part of the beef.

KEMMILER, aside from slight scalds, exhibited great heat, 92° F. at the base of the brain three hours after death. At Sing Sing one of the victims showed at the knee intense heat (not taken) unpleasant to the hand, must have been fully 100° both points in the body where there is little moisture as compared with other parts of the body.

My object in putting the Electrode in the bottom of the tank was to take advantage of any current that might be created in the solution by the resistance exhibiting heat. There will soon be a chance to try the tank electrode at Sing Sing where, I hope it will fully settle the question.

Sincerely yours,

(Signed) A. P. Southwick.

B.

Sept. 23rd, 1891.

Mr. William F. Lyons,

Ashland, Schuylkill Co.,

P e n n s y l v a n i a.

Dear Sir:-

In reply to your letter of 15th instant addressed to Mr. Edison, in which you ask what kind of wire is used in the Edison Incandescent Lamps above the filament, I beg to inform you that plain copper wire is used on both sides.

Yours very truly,

Private Secretary.

Sept. 24th 1891

A. L. Zimmermann Esq.
69 Evergreen Place
East Orange N. J.

Dear Sir:

Mrs Edison requested me to write and say that she would like to have two seats in the Dress Circle on the right hand side not close to the stage in each of the following attractions:

"Beau Brummell" Monday Oct 12th 1891
"Old head and Young hearts" Saturday Nov 14. "
"Mr and Mrs Sendal" Monday Jan 25. 1892

Will you send the tickets to her or will we have to send for same

Yours truly
J. B. Randolph

Sept. 23, 1891.

Jacob H. Schiff.

Lewis May.	Hyman Blum.
Emanuel Lehman.	Henry Rice.
Myer S. Isaacs.	C. L. Bernheim.
Oscar S. Straus	J. H. Hoffman

Committee.

Dear Sirs:-

Mr. Edison asked me to acknowledge the receipt of your letter of 1st instant, inviting him to participate in a banquet to be given to Mr. Jesse Seligman, at Delmonico's, on Thursday, October 1st, and to express to you his regret at being unable to accept the invitation. Mr. Edison was obliged to leave home on Monday last on business which will keep him away several weeks. His attendance at the banquet will therefore be impracticable. Did his engagements permit Mr. Edison would be very pleased to take part in the banquet, and by so doing testify to the high regard in which he holds Mr. Seligman, but as previously stated his absence will preclude his doing so.

Yours truly,

A. Stile

Private Secretary.

Sept 24th 1891

Thos. Austin Esq
42 Broad Street
New York

Dear Sir:-

I beg to acknowledge receipt from you the following:

Certificate	No	1939	in name of	Maria	Edison	100	Shares	C. Ken Ellis Cy
"	"	1940	"	"	"	"	100	"	"
"	"	1941	"	"	"	"	100	"	"
"	"	1942	"	"	"	"	100	"	"
"	"	1943	"	"	"	"	100	"	"
"	"	1944	"	"	"	"	100	"	"
"	"	1945	"	"	"	"	100	"	"
"	"	A 3867	"	"	"	"	11	"	"
		Edison Phonograph Disc Cy Bonds					711	Shares

Certificate No 612 name of Maria Edison $262.22 Scrip C. E. Berg Cy. Ky. Cy

Certificate No A 1077 name of Maria Edison 52 Shares C. E. Berg Cy. Ky. Cy

Certificate No 1185 name of Thos. A. Edison 50 Shares Ore Mill. Bonds

Yours truly
[illegible]

September 24, 91.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

Referring to your telephone message of to-day in regard to the two insurance inspectors who gained admission to the Laboratory last week without a permit, I have investigated this matter and interrogated every one here and at the Phonograph Works who would be likely to know anything about it, without, I regret to say, eliciting anything definite on the subject. How the inspectors in question got into the building seems to be a dark mystery known only to themselves. The boy in the gate house states positively that he did not admit them, and I have failed to discover any evidence that he did. It appears that the inspectors applied at the Phonograph Works shortly after the noon hour and were refused admittance. From there they must have come to the Laboratory, perhaps during the temporary absence of the boy in the main building. He has often to carry messages to people in the Laboratory from [illegible] to see them, and he is very frequently obliged to [illegible] this. This and the possibility of their having [illegible] on Lakeside Ave., which is

often open, are the only theories I can advance to account for the presence of the two gentlemen inside the Laboratory grounds. Of course they may have jumped over the fence, but I think that is improbable.

After it was discovered that these men had got into the building without a permit the boy was instructed to lock the door of the gate-house every time he had occasion to leave it.

Yours very truly,

Thos. A. Edison

Sept. 24, 1891.

Henry C. Ware, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I enclose herewith copy of letter under date 31st August, 1891, from Thomas E. Lombard, Vice-President of the North American Phonograph Company, addressed to myself, with relation to the duplicating business. Please file this away carefully in your safe, as it is the basis upon which we are billing the musical records against the various Companies.

Yours very truly,

Secretary.

NORTH AMERICAN PHONOGRAPH CO.,

C O P Y.
B.

Jersey City, N. J. August 31st, 1891.

A. O. Tate, Esq.,

Private Secretary of Thomas A. Edison, Orange, N. J.

My dear Sir:-

In further reply to your letter of the 18th instant, and also to that of the 27th, we beg to say that we have been at somewhat of a loss to know what the proper position would be for us to take in regard to Mr. Edison making and selling musical records to our local agencies. We cannot see that he has either the right to make and sell the same directly to them or that they have the right to purchase directly from him; we however having in mind the pleasant relations existing between this Company and Mr. Edison and our desire to do everything that we can to meet his wishes, and with a view that this question can be ultimately settled together with such other matters as are to be arranged between us in the future, we have concluded to throw no impediment in the way of your doing this business and will give the necessary orders to the Works to supply blanks to you for the account of such companies as may request us to do so for the making of duplicate recordsfor them, this however to be without prejudice to whatever rights this Company may have in the premises.

We will notify our local Companies at once of this fact and shall be pleased to do whatever we can for you in the matter.

We will send with this, orders to the Works for such blanks as have already been ordered from us by our local Companies in connection with this business. Trusting that this will be satisfactory, we remain

Yours very truly,

(Signed) The North American Phono. Co.,

THOMAS R. LOMBARD,

VICE-PRESIDENT.

B.

Sept. 24th, 1891.

Thomas Butler, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

The following cablegram from Sims was received at the Laboratory this afternoon. Immediately upon receipt of same its contents were telephoned to you:

"London, ENGLAND. Sept. 24th, 1891.

To Edison.

Company formed for business, forward you copies contracts. S I M S."

Yours very truly,

Sept. 28, 1891.

Henry Villard, Esq.,

Mills Building, Broad St.,

New York City.

Dear Sir:-

Replying to your letter of 22nd instant, Mr. Edison says that he will have the estimates of cost of the two electric railroad systems worked out in a few days, when he will be very pleased to have you examine them.

Yours truly,

Private Secretary.

Sept. 23, 1891.

A. O. Tate, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 26th instant, enclosing a communication from Mr. Logue. You will have seen from one of Logue's letters which I sent to your house the other day that he received the telegram authorizing him to draw for $100, and that the delay in his reception of it was caused through no fault of any one in this office.

Mr. Logue has not been sending to the Laboratory reports as to his whereabouts. The letter which I sent to your house and the telegram above referred to are the only communications from him which I have seen since he went away on this last trip. At the present time I am ignorant of his address. I note what you say relative to my keeping track of him when he is out on the road and asking that he sends in reports as to his whereabouts at short intervals, and I will carry out your wishes in this respect.

Yours very truly,

Sept. 28, 1891.

Mr. S. P. Carr,

Messrs. Carr & Dickinsons,

RICHMOND, VA.

Dear Sir:-

Mr. Edison has read your letter of 25th instant and in reply has instructed me to say to you that in the Germany tobacco experiments which he conducted, every known method of accomplishing what you desire, including electricity, was tried, and they all resulted in giving to the tobacco a foreign taste.

At the present time Mr. Edison is very heavily occupied with important work which calls for his attention night and day, and it would be impossible for him to take up these tobacco experiments. He may, however, find it possible to do so later on.

Yours very truly,

Private Secretary.

Sept. 29, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter which I have received from Col. Gourand, in regard to his assignment of certain phonograph patents to the Edison United Phonograph Company. What do you think of Col. Gourand's explanation?

Yours very truly,

Thomas A. Edison

COPY.

B.

London

September 17th, 1891.

My dear Edison:-

I have just received your letter of Sept. 8th and regret to note that you take any exception to my transfer of the Patents to the United Phonograph Company and I am at a loss to see any reason why you should feel so, and can only account for it on the ground of your not having understood the circumstances under which it was done. I can only repeat what I have already said in this connection viz: that it was indispensable for the protection of the Company's interests, in which you are so largely concerned that we should be in a position to meet the attacks of the Stereoscopic Company, in the event of the case coming on, as it was expected that it would, within a few days of the date , when I made the assignemt in question. What I did was done under the advice of lawyers, instructed by me entirely in your interests independently of the interests of the Company, and every body was of one opinion that the Company could not proceed with the action against the Stereoscopic Company, unless the title to the patents was in the Company's name. What I did was a mere formality, a mere technical requirement growing out of the peculiar situation at the time. As a matter of fact, the assignment (the legal assignment), of the patents, was made by you when you signed your Agreements with the "Edison United Phonograph Company." The phonograph patents were by that act, subject to the Doll reservation, conveyed to the United Phonograph Company. I trust that this further explanation will entirely remove from your mind any regret that you may have felt at my action and that of Mr. Hardingham in the premises. As I have already stated I will be happy at any time to execute the necessary papers for conveying out my name in any form you desire the reserved rights relating to dolls etc.

Yours very truly,

(SIGNED) G. M. GOURAUD.

Sept. 29, 1891.

G. N. Morison, Esq., Secretary,

The Edison United Phonograph Company,

New York City.

Dear Sir:-

Your letter of 22nd instant to Mr. Edison, in which is quoted a criticism received from your Foreign Committee with relation to automatic phonographs, has been duly received. In reply I beg to inform you that the Nickel-in-the-Slot phonograph is so constructed that it will not work unless a coin of the proper dimensions and correct weight is inserted in the slot.

In regard to the question asked by your Foreign Committee as to whether the slot attachment could be so arranged that it would "return coins which might be below half-size," in order to accomplish this it would be necessary to alter the mechanism of the attachment, and how much work this would involve it is impossible to say offhand.

In regard to the Committee's suggestion that the automatic machines should be supplied with "lock bolts to save time," we do not understand what is meant by lock bolts.

As to the shock that takes place at the beginning of the cylinder being detrimental to the record itself, we do not understand how this can be, as the reproducing point has to travel some distance on the cylinder before the record commences.

Yours very truly,

Private Secretary.

Sept. 29, 1891.

F. S. Gorton, Esq.,
The Chicago Edison Company,
Chicago, Illinois.

My dear Gorton,-

I have read your letter of 22nd instant in regard to the new station for Chicago. The delay which has occurred in finishing the plans has been really unavoidable. I have insisted on a complete canvass being made of the district which I originally laid out and in which I will shortly be able to indicate the area in which the three stations can be placed and the total ultimate size of each station. I was in New York a few days ago and inspected the work in the draughting room of the Edison Gen'l. Elec'tric Company, and at my suggestion the force was increased and some changes were made in the method of preparing the plans, all of which will greatly facilitate the work. You may rest assured that this matter is receiving the fullest possible attention, both by the Edison Gen'l. Elec. Co. and by myself, and when the work is finished you will have reason to congratulate yourself for the commendable patience which you have displayed.

Yours very truly,

Thomas A. Edison

N.

Sept. 29, 1891.

J. P. Ord, Esq., Comptroller,

Edison-General Electric Company,

New York City.

Dear Sir:-

In regard to the Laboratory bills against the Edison General Electric Company, I am very anxious that we should have credit for these on the books of the General Company without delay so that our accounts may agree. I have sent you the details of one of the bills which shows the method followed in making up all the account, and which was fully discussed before the signing of the contract, and agreed upon. With respect to the one-quarter of the Laboratory, which we are still in doubt as to how it should be dealt with, we can call Mr. Insull to our assistance upon his return, and settle definitely upon a plan to deal with respect to that portion of the agreement. I told Mr. Insull that so far as bills rendered were concerned I would settle the matter without him during his absence. I wish you would be kind enough to give this your immediate attention, as Mr. Insull will be in his office again on Monday next.

Yours very truly,

Private Secretary.

R.

Sept. 30th, 1891.

William Mager, Esq.,

Pleasant Dale, N. J.

Dear Sir:-

Replying to your letter of 28th instant, I beg to inform you that Mr. Edison is not desirous of disposing of the California property which you refer to.

Yours very truly,

Private Secretary.

B.

Sept. 30th, 1891.

Thomas R. Lombard, Esq., Vice-President,

North American Phonograph Company,

#14 & 16 Morris St., Jersey City, N. J.

Dear Sir:-

Please accept my thanks for your letter of 28th inst., enclosing copy of letter received from your Canadian Agents, Messrs. Holland Bros., with relation to the "dodger" concerning the phonograph which was distributed in the streets of Montreal; also copy of a letter written by Messrs. Holland Bros. to the party who is responsible for the dodger. I am very pleased to see that your agents appreciate the importance of introducing the phonograph properly, and I trust that there will not be a repetition of the "faking" methods complained of. Thanking you for the trouble you have taken in the matter, I am

Yours very truly,

Private Secretary.

Sept. 30, 1891.

Mr. E. D. Easterling,

E m a u e l , Lehigh Co.,

Pa.

Dear Sir:-

Mr. Edison has read your letter of 27th instant, and he has also examined the map showing magnetic survey of Pinkie Mine property at Vera Cruz Station, which you sent to him. He would like you to ascertain who the owners of these properties are and inform him. He says that you had better make further surveys.

Yours very truly,

Private Secretary.

Sept. 30, 1891.

Edward D. Adams, Esq., President,

Cataract Construction Company,

No. 35 Wall St., New York.

Dear Mr. Adams,-

I have received your letter of 28th instant and note that the facilities of Niagara Falls for the smelting business were presented by one of your Directors to Mr. J. B. Haggin, the principal owner of the Anaconda copper mine in Montana. I think that you should follow up Mr. Haggin on this matter, as the matte business of his Company is tremendous. Have you seen the Parrot Copper and Silver Mine people? They have a big electric matte plant, and I am sure would be interested in the project.

Yours very truly,

Thomas A. Edison

Sept. 30, 1891.

C. Brown, Esq., Supt.,

The Direct U. S. Cable Co., Limited,

#[illegible] Broadway, New York.

Dear Sir:-

Please accept my thanks for your letter of 28th instant, enclosing message from Colonel Gouraud, to whom please cable the following reply:

"Gouraud, London.

Never heard of the invention referred to in your message, and I doubt it very much.

EDISON."

Yours very truly,

Thomas A. Edison

Sept. 30, 1881.

A. O. Tate, Esq.,

Edison Bank Bldg, Broad St.,

New York City.

Dear Sir:-

I enclose herewith letter addressed to the Edison Ore Milling Co., Limited, signed by Mr. W. K. L. Dickson, with relation to the two certificates for 250 shares of the capital stock of that Company which Frank McGowan had in his possession when he disappeared. I also enclose copy of receipt signed by Mr. McGowan, the original of which Mr. Dickson has.

Yours very truly,

Thomas A. Edison

Sept. 30, 1891.

Edison Ore Milling Co., Limited,

N e w Y o r k C i t y.

Dear Sirs:-

On the 13th of January, 1890, I made a transaction with the late Frank McGowan, whereby he assumed the temporary custody of one hundred and fifty (150) shares of the stock of the Edison Ore Milling Company, Limited belonging to me, and in my name, the certificates being No. 1122, representing 100 shares, and No. 1123, representing 50 shares. Shortly after the date mentioned Mr. McGowan disappeared and the Court has appointed an Administrator for his estate, which is now being settled. At the time of his disappearance Mr. McGowan had on his person the certificates named above, since which time nothing whatever has been seen or heard of him. I desire to have this stock reissued and will be glad if you will indicate the amount of the bond that you will require from me, and the number of sureties, if any.

I will be greatly indebted if you can give this matter your immediate attention.

Yours very truly,

B.

Sept. 30th, 1891.

A. G. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I have your letter of 28th instant, in regard to obtaining photographs of any of Mr. Edison's diplomas or medals that may be at the Laboratory, for use in connection with the new catalogue of the Edison General Elec. Co. which is in course of preparation. I have spoken to Mr. Dickson about this matter and he will take it in hand immediately. Most of these diplomas and medals are at Mr. Edison's house, and Mr. Dickson will go there to-day and get them, after which he will at once proceed to make the negatives.

Yours very truly,

[signature]

Oct. 2, 1891.

John Birkinbine, Esq.,

No. 25 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

I have received your letter of 30th ultimo, in regard to the meeting of the American Institute of Mining Engineers which is to take place next week at Glen Summit, and at which there is to be a discussion upon the commercial uses of concentrated iron ores. I regret that it will be impossible for me to be present at this meeting; I am so busy at the Laboratory my attendance is out of the question. Besides, I prefer not to say anything on the subject which is to be discussed until our Works have been in operation a sufficient length of time to enable me to give actual figures.

Thanking you for your letter

I am, yours very truly,

Thomas A. Edison

Oct. 2, 1891.

Morris Reno, Esq., Treas'r. & Sec'y.,
The Symphony Orchestra of New York,
New York City.

Dear Sir:-

With reference to your letter of 24th ultimo to Mr. Edison, I beg to inform you that Mrs. Edison will subscribe for the series of concerts which your Orchestra proposes to give in Orange during the coming winter, provided a sufficient number of advance subscriptions are received.

At Mrs. Edison's request I give you the following names of friends of hers, in Orange, all of whom would be likely to subscribe to the concerts:

Mrs. Hill.
Mrs. Blakeman
Miss Heald.

Trusting that you will receive the necessary number of subscriptions

I am, yours very truly,

Charles Edison

Oct. 3, 1891.

My dear Kruesi,-

This letter will be handed to you by "Rube" Hepworth, the blacksmith, whom you know, and who has been employed at my Works here for the past four years, previous to which he was with you at Schenectady, in charge of the Blacksmith's Shop. He has had some trouble with the Superintendent of the Phonograph Works, with whom he cannot get along, and has had to get out. Rube is a first class man and has been with us a long time, and I have thought that possibly you can give him a position as Foreman in hissing of work at Schenectady. As you know he is quite competent to fill a place of that kind, and he will work in no other capacity. If you can provide a place for Rube, please do so, and oblige

Yours very truly,

Thos. A. Edison

John Kruesi, Esq., Gen'l. Manager,
Edison General Electric Company,
Schenectady, N. Y.

Oct. 1, 18[illegible].

Mr. Clifford Barbee, Manager,

Carpet Dep't., Dunham, Buckley & Co.,

P. O. Box 147, New York.

Dear Sir:-

Replying to your letter of [illegible] I beg to inform you that there is none of the stock of the [illegible] and Putnam de R. Co. for sale, all of it being owned by Mr. [illegible] and his associates.

Yours very truly,

[illegible]

Oct. 3, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Referring to your letter of June 25th last, in regard to the Chandler Mortgage, and to my reply to same dated July 1st, in which I informed you of Mr. Edison's desire that you should represent him in any foreclosure proceedings which might be instituted in this connection, will you please inform me of the present status of the matter. Has the Mutual Life Ins. Co. foreclosed their mortgage on the property?

Yours truly,

Private Secretary.

M.

Oct. 5, 1904.

Edwin De Almas, Esq.,

No. 35 Wall Street,

New York City.

My dear Sir:-

I have received the two papers on the subject of Magnetic Concentrates which you were kind enough to send me.

My man reports that the statements made by Mr. W. H. Norton, in his paper on the "Practical Results in the Magnetic Concentration of Iron-Ores" would make Baron Munchausen green with envy.

Yours very truly,

Thomas A. Edison

Oct. 5, 1891.

Alexander Elliott, Jr., Esq.,

First National Bank Building,

Paterson, N. J.

Dear Sir:-

I have received your two letters, dated Sept. 30th and Oct. 2nd, respectively.

I suppose, of course, that your offer of $7,500 to Moller is predicated on the basis of our exercising the option and finding the property satisfactory. If we do not find that the property is suitable for our purpose, of course we do not take it.

You may prepare the deeds for conveying the Silver Springs property to the N. J. & Pa. C. Works.

Packer's minimum is too high.

As soon as the Works at Ogden are in operation and all the alterations completed, I will send you a pass for Senators McPherson and Jones.

I enclose herewith a letter from one of my men who is making magnetic surveys in Pennsylvania. I may want you to visit this region and secure leases on the properties referred to. You had better call and see me about it.

Yours truly,

Thos. A. Edison

Oct. 5, 1881.

S. D. Greene, Esq., Gen'l. Manager,

Sales Dep't., Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Copy of your circular letter to District Managers No. 302, enclosing copy of proposed form of agreement for use between your Company and its employees, has been duly received by Mr. Edison, who raises the following point in regard to the fifth clause of the said agreement: Suppose an employee has an invention and you negotiated with him for its purchase and failed to agree, by the terms of this agreement you would then be bound to arbitrate and possibly be obliged to pay a big sum of money for a very small article. In other words, every man could get up something and make you buy it by arbitration.

To Mr. Edison the clause above referred to seems bad.

Yours very truly,

Private Secretary.

Oct. 5, 1891.

ROUGH ESTIMATE OF NEW NON-TROLLEY SYSTEM
FOR CITIES.

SYSTEM NO. 1. Six miles long, one Central Station, sixty cars on road at once. Double track.

Everything complete, except Central Station. Cars and original cost of regular track, $31,000 per mile.

SYSTEM NO. 2. Same conditions, but with 120 cars on tracks in motion at once.

C O S T. With same exceptions as in System No. 1, $59,600 per mile.

SYSTEM NO. 3. With 240 cars on track at once, $109,600 per mile.

Cars take 10 M. P. each; grades not exceeding 1 per cent. When heavy grade occurs a short section is strengthened and will add very little to total.

Mr. Henderson's office can give cost of Station outside of real estate for supplying the three systems with power.

Will send estimates of Wisconsin Central to-morrow.

Yours truly,

To

Henry Villard, Esq.,

New York.

Oct. 5th 1890

J. H. Wood Esq.
20 Liberty St. New York City

Dear Sir

Mrs Edison has just left my room and wished me to ask you to send all of her insurance policies to me as she wishes them kept here, in Orange and Mr Edison wishes me to keep his here also.

As soon as you make a renewal if you will send same to me with your bill, I will pin the renewal fast to the policy.

I would rather you would send your bills as soon as you make a renewal and not wait so long as you have in the past and I am sure it will be pais a great deal sooner and I will rush them through for you.

Yours truly
J. H. Randolph

P.S. His Policy of the Edison Phono. Works was found among Mr. Edisons papers. JHR.

Oct. 6, 1891.

Henry Villard, Esq.,

New York City.

Dear Sir:-

The following are estimates for the cost of conductors on an electrical railroad 96 miles long:

LENGTH 96 miles, in 6 sections of 16 miles each, making 2 terminals 5 intermediate power stations.

CAPACITY. 2 freight trains of 400 tons each on each section at a time - speed 18 miles per hour, half per cent continuous grade; this is the worst condition.

Cost of copper on poles, but not including cost of poles or their erection----------$3,100 per mile

Cost of central rail on insulators laid complete 2,950

Total $6,000 per mile.

Cost of stations extra.

Power required on each section under severest conditions, 1,000 horse power. Total power, 6,000 horse power. With one train 400 tons on section the cost would be:

$2,900 for central rail.
1,600 for copper
$4,500 per mile.

[illegible] Esq.

Oct. [illegible]

Of course you can split the 400 tons into four [illegible] or [illegible] the boats.

Yours very truly,

Re.

October 6th, 1891.

W. S. Fielding, Esq.,

#18 Exchange Place, Room 6,

New York City.

Dear Sir:-

I am much obliged for your letter of 1st instant in regard to iron ore property situated in West Virginia.

Please state the price at which the property in question can be purchased, and also its exact location. If the price is not prohibitive, I will have my expert visit the property and examine it. My man has already been on several wild goose chases down South, examining mineral deposits which were represented to us as being veritable mountains of ore, but which we found to be, in reality, small veins that did not amount to anything at all.

Yours very truly,

Thomas A. Edison

B.

October 7th, 1891.

Mr. A. W. Hast,

Fifth Hill Street,

Harrison, N. J.

Dear Sir:-

There is a position at present vacant in the Laboratory which we can offer you. If you care to accept same, please call at the Laboratory immediately and ask to see our Mr. Ott.

Yours very truly,

THE EDISON LABORATORY.

BY

October 8th, 1891.

Geo. Parsons Lathrop, Esq.,

#43 Federal Street,

New London, CONN.

Dear Sir:-

Mr. Edison has read your letter of 5th instant. He says that he can suggest numerous novelties for description in your story, and that you need have no fears upon that point. It is impossible for Mr. Edison to prevent the newspaper reporters from obtaining information in regard to such matters as the subject of the interview to which you refer.

Yours very truly,

Private Secretary.

Oct. 9, 1893.

George F. Kunz, Esq.,

#402 Garden Street,

Hoboken, N. J.

Dear Sir:-

Mr. Edison has received your letter of 7th instant, and in reply he has instructed me to say to you that he shall be very pleased to have Professors R. T. Mallet and N. K. Mallet visit the Laboratory. Mr. Edison is obliged to leave town tomorrow or Monday next and will be absent for a week or ten days. He will not, therefore, have the pleasure of meeting these gentlemen, but when they arrive at the Laboratory if they will ask for Mr. Kennelly, he will be very pleased to conduct them through the establishment.

Yours very truly,

Private Secretary.

Oct. 10, 1891.

Edward D. Easton, Esq., President,

The Columbia Phonograph Company,

#627 E St., N. W., Washington, D. C.

Dear Sir:-

Please pardon the delay which has occurred in answering your letter of 1st instant, which was referred to me by Mr. Edison. In reply I regret that it will be impossible for me to attend the Assembly of the Ecumenical Council now in progress at Washington. Mr. Edison has, however, instructed me to forward to you the necessary appliances for reporting their proceedings, and I am sending the same to you to-day by express. They consist of two sensitive recorders and two diaphragm arms, with a good turning off knife, for the purpose of obtaining a smooth surface on the cylinder to be used. In order to get the very best results, you should also have flexible brass speaking tubes, but unfortunately it is impracticable for the writer to make these up for you on so short notice. Please return the recorders etc. when you are finished with them, and I hope that they will be found satisfactory.

Yours very truly, W. H. MILLER, Expert.
M.

Oct. 12, 1891.

John Kreusi, Esq., Gen'l. Manager,

Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telephone messages which were exchanged between yourself and Mr. Edison to-day;

"Can Mr. Insull and myself see you with Mr. Kolban and Reid on Wednesday morning at the Laboratory? Please answer quickly. JOHN KREUSI."

MR. EDISON'S REPLY:

"Don't think so; am going to mine. Can see you Tuesday. EDISON."

Yours truly,

Private Secretary.

COPY.

SOCIETA GENERALE ITALIANA DE ELETTRICITA.

MILANO, August 8th, 1891.

EDISON ELECTRIC LIGHT CO. OF EUROPE, (LIMITED).

NEW YORK.

Dear Sirs:-

Under date of January 2nd we received a communication from the Edison General Electric Company in which they advise us that we would receive a communication from your Company in regard to the settlement of our claim in connection with the Edison material furnished for the Sprague Electric Railway in Florence.

We have not been advised that any definite solution has been given to this matter and we have therefore charged our Mr. Lieb who leaves for America in a few days to represent us in the adjustment of our claim.

We are Dear Sirs,

Yours faithfully,

SOCIETA GENERALE ITALIANA DI ELETTRICITA,

SISTEMA EDISON

IL DIRETTORE

Oct. 12, 1891.

Adolph E. Abbenes, Esq.,
The Symphony Orchestra of New York,
New York City.

Dear Sir:-

In reply to your letter of 3rd instant, in regard to the series of concerts to be given by your Orchestra in Orange, Mrs. Ballou wishes to secure three seats in parquette as near the stage as possible.

Yours very truly,

Private Secretary.

B.

October 12th, 1891.

Mr. A. Jones, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I return herewith the letter of Messrs. Dyer & Seely addressed to yourself, which accompanied your letter of 8th instant in regard to Air space Cut-outs. I think that the Cut-outs in question were on telegraph apparatus.

The new cut-out works O. K., and I am having 50 of them made.

Yours very truly,

Thomas A. Edison

October 13,91.

Mr. O. J. Conley,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I have read your letter of 9th instant, and also the letter addressed to you by Cooper, Hewitt & Co., in regard to the limestone quarry at Ogdensburg which we examined. Please follow up this matter. You can offer them five cents per ton, $250 minimum.

Yours very truly,

Thos. Edison

Oct, 13, 1891.

A. C. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I have your letter of 12th instant in regard to discontinuing our advertisement in THE PHONOGRAM. This ad. can be terminated any time, and I have to-day written to Miss McRae, informing her of our decision to discontinue the advertisement and instructing her not to insert it in any future issue of her journal unless authorized by us, in writing, to do so. Trusting that this will be satisfactory

I am, yours truly,

E. Thomas

Mr. T. H. Gannon, Collector,

October 13, 1891.

Fort Montgomery, N. Y.

Dear Sir:-

I enclose herewith Mr. Edison's check for $13.86, in payment of the enclosed bill for School tax for School year from July 26th, 1891 to July 26th, 1892, on property in Montville, N. Y. How does it happen that your percentage is five times greater this year than it was last year?

Please inform Mr. Edison if there are any other taxes of any kind whatever remaining unpaid against this land, and kindly return the enclosed bill receipted, much obliging

Yours truly,

Private Secretary.

H.

October 13th, 1891.

Henry R. Blaney, Esq.,

#12 Follen St.,

B o s t o n , MASS.

Dear Sir:-

Mr. Edison has read your letter of 3rd instant. In reply he says he cannot see at the moment how you can accomplish what you desire. The Depth is infinitesimal. Perhaps they can be photographed by the old Daguerreotype process, the color, being due to diffraction.

Yours very truly.

Private Secretary.

B.

October 13th, 1891.

Major S. D. Eaton,

Edison building, Broad St.,

New York City.

Dear Sir:-

Your letter of 6th instant in regard to a communication which was received from Colonel Gourand (copy of which was sent to you), relative to the assignment by him of certain phonograph patents to the Edison United Phonograph Company has been received by Mr. Edison. He notes that you have prepared and forwarded to Colonel Gourand for execution the necessary forms of assignment, by which Mr. Edison will be protected in his right to any application of the phonograph to dolls, toys, toy figures and clocks under the above named patents.

Yours very truly,

A. Tate

Private Secretary.

Oct. 14, 1891.

W. P. Swarts, Esq.,
N. J. & Penn'a. Concentrating Works,
Ogdensburgh, N. J.

Dear Sir:-

Mr. Edison has received your letter of 9th instant, and he has made the following note upon it:

"Why should not a slack conveyor belt run without guides? This is something new to me. Edison."

He has also received your letter of 13th instant, upon which he has made the following note:

"Why can't you crown driving belt pulley more? It's only a question of enough crowning. Edison."

Yours very truly,

Private Sec'y.

Oct. 15, 1891.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I return herewith the letter of J. Lewis Young, of London, in regard to the use of Mr. Edison's name in connection with the Mimeograph, the same having accompanied your favor to me of 13th instant.

I have examined Mr. Edison's agreement with the A. B. Dick Company relating to foreign countries, under date 31st December, 1889, and there is nothing in it which refers specifically to the use of Mr. Edison's name in the above connection.

The 5th clause of the said agreement provides that no Company shall be formed in any country other than the United States for the conduct or exploitation of the mimeograph business without the written consent of Mr. Edison. Here is the paragraph in full:

> "The said party of the second part (A. B. Dick Co.) hereby agrees that it will not organize or cause to be organized in any country other than the United States, any corporation or corporations, company or companies, for the conduct or exploitation of the business carried on by the said party of the second part in the manufacture and sale of apparatus containing and embodying the said invention and improvement covered by said Letters Patent No.224,665. or parts thereof, without first obtaining the written consent of the party of the first part. (Mr. Edison)."

Of course, inasmuch as the agreement confers upon the Dick Company the privilege of manufacturing mimeographs in the United States for sale in foreign countries, I suppose it is understood that the apparatus will be sold by them or their licensees in foreign countries under the name of the "Edison Mimeograph."

The other agreements with Dick and Gilliland with relation to the Mimeograph are in Major Eaton's hands, the only one which we have here being the one referred to above.

Yours very truly,

Chas. Flint

Oct. 16, 1891.

Major S. B. Eaton,
Edison Building, Broad St.,
New York City.

Dear Sir:-

Re Philadelphia and Reading Coal and Iron Co. Lease.

I return to you herewith the eight papers which accompanied your letter of 12th instant addressed to Mr. Edison, the same having been prepared by you to take the place of the old leases affecting this property. Mr. Edison executed each of the said documents to-day and acknowledged them before Mr. Randolph, as Commissioner of Deeds. I append a list of the papers:

(1) Lease, P. & R. C. & I. Co. to Thomas A. Edison, dated November 18, 1890 (2 copies).

(2) Agreement, P. & R. C. & I. Co. with Thomas A. Edison, dated November 18th, 1890 (2 copies).

(3) Lease and consent of P. & R. C. & I. Co., Thomas A. Edison to N. Y. Concentrating Wks., dated day of September, 1891 (2 copies).

(4) Agreement, Thomas A. Edison with the N. Y. Concentrating Works, dated September 1891, with consent of P. & R. C. & I. Co. (2 copies).

Yours very truly,

Pelham Sec'y.

Oct. 16, 1891.

A. O. Tate, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Your letter of 13th instant, enclosing letter from the Assistant Manager of the Schenectady Works with relation to a motor which is wanted by Walter Miller for use at Silver Lake, was received at the Laboratory yesterday morning. Immediately upon receiving it, and before the receipt of the telephone messages which you sent to me on the subject, I communicated with Walter Miller, who was unable to give me the required information until six o'clock last night. I telephoned the following reply to your letter this morning, and now beg to confirm it:-

"Referring to your letter of 13th instant in regard to a motor which is to be obtained for Silver Lake, Walter Miller says that he would prefer a two h. p. machine, and if one of these can be supplied by the Schenectady Works within a reasonable time, he will wait."

Yours truly,

D. Thomas Molloy

B.

October 16th, 1891.

James F. Kelly, Esq.,

Wire Dep't., Edison Gen'l. Elec. Co.,

Edison Building, Broad St., New York.

Dear Sir:-

Mr. Edison is much obliged for your favor of 13th instant, in which is contained a copy of your letter to Mr. Kreusi in regard to Mr. Robert Pitcairn's connection with the Standard Underground Cable Company.

Yours very truly,

Private Secretary.

R.

October 16th, 1891.

The Whitehead Bros. Rubber Co.,

Trenton, N. J.

Dear Sirs:-

Mr. Edison has received your letter of 12th instant in regard to the proposed visit of your Mr. Whitehead to the Ogden Mine. In reply he has instructed me to say that the Mill at Ogden in which the belt furnished by your Company is to be used has not been in operation since the belt reached there. The Mill will be running in about two weeks, however, and Mr. Edison suggests that your Mr. Whitehead pospones his visit until that time.

Yours very truly,

Private Secretary.

B.

October 17th, 1891.

J. Wilkinson Elliott, Esq.,

Landscape Architect,

Pittsburg, P a.

Dear Sir:-

Your letter of 28th of September to Mr. Edison, in regard to Begonia flowers, one of which you desire to name for Mrs. Edison was duly received. In reply I take pleasure in informing you that Mrs. Edison has granted the permission which you desire, and you may therefore use her name in the connection indicated.

Yours very truly,

Private Secretary.

R.

October 16th, 1891.

Stephen R. Krom, Esq.,
#151 Cedar Street,
New York City.

Dear Sir:-

Mr. Edison has received your letter of 14th instant. You have been misinformed respecting the plant at Sweden. No trouble has been experienced in connection with any of the apparatus there except what is due to poor construction, and that is now being remedied.

Regretting that Mr. Edison is unable to avail himself of your offer of services, I am

Yours very truly.

Private Secretary.

Oct. 21, 1891.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

With reference to your letter of 19th instant, enclosing communication from Mr. Gladstone in regard to 40 "G" cells, and 6 "O" cells complete ex jars, which were supplied to Chas. J. McAleese, Superintendent of the Baltimore City Fire Alarm, I beg to inform you that on 22nd of November, 1890, J. B. Yeakle, Gen'l. Manager of the Am. District Telegraph Co., Baltimore, ordered 25 "G" cells, ex jars, sent to Mr. McAleese, which order was subsequently increased to 40 "G" cells by Mr. Logue, who informs me that the installation was arranged jointly by himself and Mr. Yeakle, on the understanding that if the battery proved satisfactory it was to displace the one then in use. The cells were sent on trial. 18 of them were placed on one of the Fire Alarm people's main circuits and only lasted about five weeks. The remaining 22 cells were placed on a 40 pen register, with what result Mr. Logue is unable to inform me. Both installations were made under Mr. Logue's supervision. 50 "G" cells were subsequently ordered by the Fire Alarm people and paid for. Mr. Logue says that the last time he discussed the matter with Mr. Yeakle, the latter advised our leaving the old

material at Baltimore as they might eventually find a use for it.

The six "O" cells were ordered by Mr. Logue and were also sent on trial. They were placed on different telephones, but did not give much satisfaction.

I return herewith Mr. Gladstone's letter.

Yours truly,

Thomas A. Edison

Letterbook, LB-053

This letterbook covers the period October 1891-October 1893. Much of the book consists of interoffice correspondence involving Edison; his bookkeeper, John F. Randolph; and his private secretary, Alfred O. Tate. The letters deal almost entirely with financial matters. There are many letters concerning the personal finances of Edison and Mina Miller Edison, including the liquidation of their holdings in the General Electric Co. and the sale and purchase of other stocks and bonds. Some of the letters relate to financial aid provided to family members, such as Samuel Edison and Margaret Stilwell. Included also are correspondence and other documents concerning the costs of experiments, laboratory and company payrolls, Edison's account with the patent firm of Dyer & Seely, and his property at Menlo Park. There are also many routine letters regarding Edison's financial transactions with the German National Bank. The front cover is labeled "From October 19, 1891. To October 28, 1893." The spine is stamped "Letters." The book contains 695 numbered pages and an index. Approximately 15 percent of the book has been filmed. Related documents for this time period can be found in LB-051 and in LB-054 through LB-058.

4/8

Oct 21st 1891

A. O. Tate Esq
42 Broad street
New York

Dear Sir:-

Referring to your telephone message of the 16th inst I beg to enclose you herewith a statement of the cost of Duplicating Experiments and present value of the new plant, also shipments made since [illegible]

Trusting this is what you want I remain

Yours truly
J. B. Randolph

0/11

Acknowledgement received Oct. 21st 1891

German National Bank
Broad Stock
Newark

Dear Sirs:

I beg to enclose you herewith checks as follows:-

		$
From	North American Co.	564.64
"	The Wrought Iron Castings Co.	67.00
"	Edison Phono Works	20.00
"	"	4.80
"	Penna A. R. Co.	125.00
"	Northwest Elec Eng Co.	121.58
"	Penna A. R. Co.	52.32
"	" " "	123.21
		$ 1078,55

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R

Statement of Expenses
regarding
Duplicating Musical Cylinders

October 1 – 1891.

Electro Plating	Old Co.		$ 22232.10	
Duplicating Cylinders	" "		89.61	
Machine to Duplicate	" "		2390.16	
41 Duplicators	" "		2387.79	
Duplicating Cylinders	" "		279.79	
Duplicating Experiments	New Co		2840.89	by Walter Miller
1475 Duplicates	" "		1450.50	" " "
Total Cash.			$ 31670.84	
On hand New Co				
4 Duplicators			$ 946.13	
2 " Tables		$ 3.50	7.00	
4 Electric Light Motors		26.30	105.20	
4 Phonograph Cases		1.32	5.28	
4 Phonographs		45.00	180.00	
2 " Tables		1.50	3.00	
2 "K" Type Batteries		8.10	16.20	
1 Bench Table			3.50	
1 Old Closet 12 feet long			2.00	
2 Cylinder Boxes Wooden		1.50	3.00	
1 Stove and Pipe for same			15.00	
1 Cylinder Closet 500 Capacity			8.00	
1 Small Blower			3.00	
97 – 12 Capacity Boxes		.09	8.73	
60 – 6 " "		.07	4.50	
1575 Musical Records.		.40	630.00	
Total Value.			$ 1940.54	by Walter Miller.

Shipments for week of Cylinders

Cylinders Shipped	Brake making	
50	Aug 8	
0	Aug 15	
79	Aug 22	
0	Aug 29	
241	Sept 5	
254	Sept 12	
264	Sept 19	
112	Sept 26	
200	Oct 3	
160	Oct 10	
60	Oct 17	
205	Total	

0/37

Oct 26th 1891

Thos. A. Edison Esq
Ogden N.J.

Dear Sir

Your letter of the 22nd came duly to hand and in reply I beg to state that the 100 Shares of Stock of the Edison General Electric Co has been received from Mrs Edison by me and delivered to Messrs Drexel Morgan and Co. as per request of Mr Butter and I have a receipt from D M and Co for same

Yours truly
J. R. Randolph

14/18

Oct 24th 1891

German National Bank
Newark N.J.

Dear Sirs:-

I beg to enclose you herewith check for Seventy Five dollars which please place to my credit and oblige

Yours truly
J. R. Randolph

14
26

Oct 28th 1891

A. O. Tate Esq.
42 Broad Street.
New York.

Dear Sir.

I beg to enclose you herewith Statement of Experiments paid for by Mr Edison from Oct 1 1890 to Oct 1 1891 which have not been billed against anyone

Yours truly
J. F. Randolph

15
29

Oct 28th 1891

Mrs Thos. A. Edison
Orange N. J.

Dear Mrs Edison

I beg to enclose you herewith a Final Balance of your books for the month ending Sept 30 - 1891

Very truly
J. F. Randolph

Statement of
Experiments ~~to~~ paid for by Mr Edison
from
October 1- 1890 to Oct 1- 1891

Insulation Experiment.	$3375.30
Kinetoscope "	4459.94
Type Writer "	1696.34
Development of Hydrogen upon Ital.	16.10
Mr Insulle Dense Circuit	103.53
Extracting Silver from Plants	196.94
Etheric Force Co.	4.73
new Model Nickel in Clock machine	531.11
Thermo Electric Cell Experiment	35.02
Fitting up 4 Phonograph for Mr Bonner	2.85
Enamelling Leather Experiment	.04
Rock Drill Experiment	387.37
Work on Autographic Machine	609.49
Electro Plating	7353.65
Duplicating by Mr. Miller.	2340.89
Total.	$22113.90

O

24

Oct 28th 1891

Mr S. O. Edison.
41 West 42nd Street
New York.

Dear Sirs.

As per request of Mr Thos. A. Edison I beg to enclose you herewith a statement for $6870.00/100 the same being paid you on account of the amount agreed between Mr Edison and yourself.

Yours truly
John F. Randolph.

O

Oct. 29th 1891

Lindell Brower Esq
Rockville Centre, Long Island NY

Dear Sir.

On Sept. 14th 1891 we sent you a check for $73.58 which overpaid your a/c forty cents as you will see from the following statement of bills rendered.

Aug. 29th	amount of bill				$8.30
" 22nd	"	"	"	"	10.00
" 15th	"	"	"	"	11.70
" 8th	"	"	"	"	11.47
" 1st	"	"	"	"	16.93
Sept. 5th	"	"	"	"	15.03
					$73.18

You made a mistake in carrying forward on your bill of Sept. 5th the amount of bills rendered $58.50 it should be $58.15 this makes the difference Please send us a ~~check~~ for the amount and oblige.

Yours truly
J. F. Randolph
Bookkeeper.

23

Statement of cash paid S. O. Edison, Esq.

	1890			
Aug	4	Check	# 390	1000 00
Sept	1	"	# 3917	125 00
"	24	"	# 5	400 00
Oct	21	"	# 30 N	400 00
Nov	13	"	# 4144	250 00
Dec	2 ~~28~~	"	# 4288	200 00
"	19	"	# 438	250 00
Jany	1891 12	"	# 450	200 00
Feby	2	"	# 470	250 00
"	23	Draft made payable to his order		500 00
Mar	14	Check	# 4590	500 00
May	1	"	# 510	1000 00
June	27	"	# 4988	300 00
"	11	"	# 26	100 00
July	25	"	# 5068	500 00
"	17	Paid him		125 00
"	14	"	" Cash	20 00
Aug	22	"	" Check # 5125	300 00
"	28	"	" " # 5138	300 00
Oct	27	"	" Cash	150 00
				$6890 00

20
27

Oct 30th 1891

A. O. Tate Esq
42 Broad Street
New York

Dear Sirs-

Referring to your favor of the 28th inst. I beg to state the we have rendered bills against the New York Concentrating Works for Experiments re amounting to $2987.89. and we have also paid two calls for stock amounting to $15900.00/100

These two amounts were given you to see if you could get some cash for the $2987.89/100 and stock for $15900.00/100

Yours truly
John B. Randolph

Oct 30th 1891

A. O. Tate Esq
42 Broad Street
New York

Dear Sirs-

I beg to acknowledge receipt of your favor of the 29th inst regarding two bills standing to the credit of the Edison General Electric Co Schenectady Works, one for 22 46/100 and the other for $30 71/100 and beg to state that we received in the same mail a credit from Schenectady for the above and stating that they were cancelled by request of Mr Insull.

I have also noted your remarks regarding the 59 calls due Mr Edison from the Edison General Elec Co.

Thanking you very much for same I remain

Yours truly
J. B. Randolph

26

26/40

Oct. 30th. 1891

A. O. Tate Esq
42 Cordell Stock
New York.

Dear Sir:

As per your request of the 29th inst I beg to enclose you herewith the statement amounting to $7728.10/100 referred to in your letter

Yours truly
John F. Randolph

Sundries paid for by
Mr Edison
— from —
October 1- 1890 to October 1- 1891.

Brick Work at Menlo New York.	$1782.02
" " Morristown N. J.	2794.07
Manufacturing Duplicate Cylinders	504.37 New Co. Silverdale.
Magnetic Ore Work at Ogden N. J.	1659.58
Cutting Brick at Orange N. J.	693.15
Triple Expansion Engine Models from Europe	244.47
Mounting Minerals in Library	4.84
Making Brick Dies at Orange N. J.	45.60
	$7728.10

30
36

Nov 7th 1891

Mrs Thos. A. Edison.
Orange N. J.

Dear Mrs Edison

I beg to advise you that Mr Butler handed me your dividend check from the Edison General Electric Co. amounting to $7708 00/100 and I have deposited same to your credit at the Orange National Bank in Account # 2.

Trusting that this meets with your approval I remain

Very truly
John. F. Randolph

Acknowledgement
32
34
receipt

Nov 7th 1891

German National Bank
Broad Street
Newark N. J.

Dear Sirs:-

I beg to enclose you herewith check from Henry Potter and Co. for $68. 80/100 -

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
By J. F. Randolph

16

Nov 11th 1891

Thos. A. Edison Esq
Ogden N.J.

Dear Sir:-

The enclosed letter from Mr Wm Wastele was handed to me by Mr Maguire and I have read your note on same to me and I beg to call your attention to the date of these two notes viz: Dec 8-1875 or sixteen years ago which is a very long time for any one to let a note run.

My object in writing you is to ask if you want me to send a check for $270.00 to pay the two notes or do you want me to figure the interest which will amount to over three hundred dollars more.

In sending your reply please return the enclosed papers and oblige

Yours truly
J. F. Randolph

41
48

Nov 18th 1891.

A. O. Tate Esq
42 Broad Street
New York

Dear Sir:-

As per your request I beg to enclose you herewith a statement of Messrs Dyer and Seelye account against Mr Edison amounting to $6248.40/100

Yours truly
J. F. Randolph.

43
46

Acknowledgement
Received

Nov 17th 1891

Herman National Bank
Broad Street
Newark N.J.

Dear Sir:-

I beg to enclose you herewith checks as follows:

From Mrs M. M. Edison	$1403.43
" Dreas Co. of Newton	13.77
" Edison Phonograph Works	84.00
	$1501.20

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Transcribed in 1891

39

Mr Thomas A. Edison

To Dyer and Seely Dr.

36 Wall Street

New York.

Statement

1889 Aug 5	To	Bill	Rendered.	832 30 ✓
1890 Jan 31	"	"	"	859 03 ✓
July 31	"	"	"	4405 14 ✓
Feb 29	"	"	"	2025 55 ✓
1891 Feb 28	"	"	"	158 99 ✓
Apr 30	"	"	"	354 90 ✓
May 30	"	"	"	54 75 ✓
June 30	"	"	"	223 47 ✓
July 31	"	"	"	612 26 ✓
Aug 31	"	"	"	585 15 ✓
Oct 31	"	"	"	308 63 ✓
				$10320.17

1889 June 28	By	Bill		35
Nov 22	"	Cash		500.00
1891 Jan 31	"	Bill		120.82
June 30	"	Cash		40.00
July 16	"	"		40.00
" 28	"	"		86.60
Aug 4	"	"		3000.00
" 21	"	"		110.00
Sept 2	"	"		40.00
" 28	"	"		40.00
Oct 8	"	"		24.00
" 14	"	"		70.00
				4071 77
				$6248.40

0/65

Nov 18th 1891

Mrs T. A. Edison
Port Huron
Mich.

Dear Mrs Edison-

Mr Edison wished me to write you and say that he has received a letter from Mr William Wastele of Port Huron in which he states that he holds two notes of $135.00 each for money loaned Mr T. A. Edison on December 8th 1875

Mr Edison wished me to ask you if you know anything about this loan and if not will you please see Mr Wastele and have him show you the notes and after you have seen them will you please send me an answer if you think that they are correct and have not been paid by Mr T. A. Edison.

An early reply will greatly oblige

Yours truly
John A. Randolph

36

58

Nov 23- 1891

Thos. Butler Esq
42 Broad Street
New York.

Dear Sir.

I beg to enclose you herewith check for $100.00 in payment of call as per your letter of the 21st inst.

Please send stock to me by mail and oblige

Yours truly
(Mrs) M. M. Edison
R.

0

Nov 23rd 1891

Trustees
Calvary M. E. Church
East Orange N. J.

Dear Sirs.

I beg to enclose you herewith check for $200.00 being the amount of my subscription.

Please acknowledge receipt and oblige

Yours truly
(Mrs) M. M. Edison
R.

47

Nov 27th 1891

Mrs Dr. P. Edison
Port Huron
Mich

Dear Mrs Edison

Your letter of the 24th inst came to hand this morning and I beg to state that I have written Mr Mastele stating that as this account was against Mr Dr. P. Edison he should have written to you instead of Mr Edison.

Yours truly
John R. Randolph

Nov 27th 1891.

Wm Mastele Esq.
Port Huron
Mich.

Dear Sir

Your letter of the 1st inst addressed to Mr Edison came duly to hand and the reason you have received no answer before is that Mr Edison has been away and your letter was forwarded to him and I have just received it back, and I beg to state that as this account is against Mrs Dr. P. Edison you should have sent your letter to her, Mrs Dr. P. Edison instead of to Mr Edison.

Yours truly
John R. Randolph

66

69
70

Dec 4th 1891

A. O. Tate Esq
42 Broad street
New York

Dear Sir:
I beg to enclose you herewith the distribution of Krearc Dyes and Lots of Caisin Beers

Yours truly
J. T. Randolph

Dec 4th 1891.

A. O. Tate Esq
42 Broad street
New York

Dear Sir:
The enclosed expense account for $7.50 was received by me this morning and I would be greatly obliged if you would let me know what the same is for.

Yours truly
J. T. Randolph

20

70/77

Distribution of Dynamo and Lamp Patent Bills

	Phosphor Bro	Ore Milling	Lalande Battery	Direct Generator	Meter	Separation Copper Bottom	Cash Accts	Tel Phone	Phonograph Blanks	Dyno Motor	Dyno Elevator	Foreign Patents & C	Miscellaneous	Galvanic Battery	Silver Tipped Switch	Drawing Work
Electric P. & U. S.	7 10 48 / 14 65 / 18 50															
Inf. Michigan			7 50													
Mother Pearl			5 00													
Bar Investment			12 50													
Telegraph Relay			25 00													
Art. of Shaving Crystal	1 00		5 00													
Glass Making	2 00	20 47 / 20 40					7 00 / 2 00									
Voltaic Battery		20 00														
Treating Fibrous Material		7 00														
Cleaning Ship Bottom		58 00 / 42 50					5 00									
Dynamo Telegraph		11 25 / 11 25														
Magnetic Battery		10 25 / 25 00					10 00 / 6 00									
Inf. Mich. Iron		12 50														
Railway Signaling		7 50	5 00				10 00									
Magnetic Battery Porcelain		5 00														
Non Conductor Cover		50 00	10 00													
Phonograph Cylinder	2 00															
Synchronizing Dynamo Circuits			10 00													
Foreign Incandescent Lamps	2 00	71 34	2 00													
	10 17 / 18	7 50	5 00	1 00	12 50	25 00	5 00	7 00	2 00	38 11	57 51	34 00	7 47	14 10	2 00	42 50
	7 50	5 25	9 25				7 00	1 95	2 00	38 11	57 51	14 49	2 00			2 00
	8 18	12 61	50 00	5 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	7 50	12 61	20 00	5 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50
	112	75	50 00	10 00	34 00	55 00	60 00	37 50	37 50	38 11	57 51	14 49	2 00	14 10	2 00	42 50

71/73

Tuesday		Wednesday		Thursday		Friday		
£		£		£		£		
						257	03	
						1402	14	
						2025	55	
						158	99	
6	35					633	12	
410	00					1197	41	
20	45					208	63	
		45	00	14	00	832	80	
436	80	45	00	40	00	18 372	17	

Forward £ 9322

72

75
81

Dec 11th 1891

Merchants National Bank
Newark. N.J.

Dear Sirs:-

I beg to enclose you herewith checks as follows:-

From Penna Dr. Edison	$ 50.00
" Edison Phonograph Works	9.60
" Roger and Greene	29.35
" Spokane Phono Co.	15.47
" Arnold and Spack	2.70
	$ 107.12

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
By O. Mundy

56
79

Dec 9th 1891

Thos. Butler Esq
42 Broad Stree
New York.

Dear Sir:-

According to my books Mr Edison holds 2679 shares shares of Stock in the New Jersey and Penna. Concert Works and against this amount he has given calls for 50 shares.

Yours truly
J. F. Randolph

Oct 16-	Call for	21	shares		
" 16	"	"	7	"	
Oct 2	"	"	1	"	
" 2	"	"	7	"	
" 3	"	"	5	"	
" 12	"	"	7	"	
" 12	"	"	2	50	"

22

Acknowledged

Feb 1 1892

A. O. Pate Esq
42 Broad Street
New York

Dear Sir:

I beg to enclose you herewith bill against the Edison General Electric Co amounting to $15462.00

This bill includes the Edison Patents expenses which you told me to bill and the personal experiments from Oct 1 1890 to Oct 1 1891 with the exception of Incandescent Experiments which you did not want made up just now

Yo
John ÖR. Randolph

German National Bank
Broad Street
Newark N. J.

Jany 30th 1892

Dear Sir:

I beg to enclose you herewith checks as follows:

From The Electrical Supply Co	$ 573.74
" Jeffrey Mfg Co Lockhall	14.13
" Richardson Gray	5.20
" Stoddart Bird	45.90
" E. H. Sargent & Co	15.20
" Natl Elec Mfg Co	6.64
" Edison Phonograph Works	36.00
	$ 696.81

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R

Feby 4. 1892

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

From Del Lack and W. R.R.	$ 10.44
" E. E. Sig Co Newark	7.60
" Mina Dr. Edison	576.46
" " "	786.83
	$ 1381.33

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R

Feby 3rd 1892

A. O. Tate Esq
42 Broad Street
New York

Dear Sir:

I beg to acknowledge receipt of your favor of the 2nd inst enclosing receipt from Mr S. O. Edison for $ 250 00/100 and advising me that you drew a check for that amount on the German National Bank.

Thanking you for same I remain

Very truly
J. B. Randolph

Feb 9th 1892

German National Bank
Newark N.J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

From Edison Phonograph Works	$ 40.32
" The Bolton Carbon Electric Co.	79.42
" Western Union Telegraph Co.	202.88
	$ 322.62

Please place same to my credit and oblige

Yours truly
Thos. A. Edison

Feb 8th 1892

John F. Wood Esq.
18 Liberty Street
New York

Dear Sir:

As per your request of the 5th inst addressed to Mr Pope I beg to disclose you herewith policies as follows:

Lo. and Lo.	$	2100058
Cont Insurance	"	102227
Phoenix	"	1440
Phoenix	"	1528
Royal	"	4250958
Orient	"	690
Merchants	"	12062
Home	"	13226
Union	"	525042
Lancashire	"	1648002
Westchester	"	7957
Imperial	"	103621
City of London	"	226708
Royal	"	4250992

Please return same as soon as possible and oblige

Yours truly
John F. Randolph

Feb 24-1892

German National Bank
Newark. N. J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

		$
From	Elisha Gray	39.63
"	N. G. and N. J. Peters Cy	33.07
"	E. & C. Lt. Cy. Philadelphia	15.64
"	The E. L. Welsbach Cy	131.74
"	Penna R. R. Cy	320.10
		$ 540.18

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Feb 28-1892

Oliver J. Pelren Esq
Concord. N. H.

Dear Sir:

As I drew the check in payment of your bill Mrs Edison handed me your letter and Pat Office order for $1.50/100 and asked me to reply to same.

I beg to state that I have before me your bill dated Nov 27-1891 which reads as follows:

	$
To Board Self & Mrs Miller & Boys	26.00
2.00 1.00	
Doctor Stitings Medicine	3.00
Livery	11.50

Your bill was added up $40.00 and if you will kindly go over the above you will see that it adds up to $40.50 the amount of the check which was sent you by Mrs Edison If the above is not correct please send me a corrected bill to enable me to pay my bills and oblige
John F. Randolph

Mar 9th 1892

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

From Automatic Phonograph Pub Co	$ 20.98
" Edison Gen'l Elec Co Eastern Div	3.90
" Mr. Edward Platt.	96.26
" Central N. J. Telephone & Telg Co	45.65
	$ 166.79

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Mar 9th 1892

Mrs Mary J. Gill
41 Ray Street
Newark N. J.

Madam.

Your letter of the 7th inst came to hand and in reply I beg to state that Mr Edison is away at present on the Dover Mountains and will not be back for two or three weeks and from the way he spoke when I asked him a second time for the $ 50 00/100 which he sent you I am sure he will not send you the $ 250.00 but I will see him as soon as he returns but I am sure what his answer will be

Yours truly
J. F. Randolph

Mar 14-1892

Mrs Mary J. Gill.
41 Rae Street
Newark N.J.

Madam.

Mr Edison came to Orange on Saturday night and spent Sunday at his home and he goes away again some time today.

I beg to inform you that I showed him the letters which you sent me and after reading same I am very sorry to say that he told me he would do nothing more as he has done his share.

Yours truly
John F. Randolph

Mar 11-1892

A. O. Tate Esq.
42 Broad Street
New York

Dear Sir

On the Edison General Electric Co's statement dated Jan 30-1892 there is an entry dated Jan 12-1892 where they have collected an account of the Edison Info Co for $3.00 and placed same to Mr Edisons credit.

It was collected from the Schenectady Works on Pay Warrant No 974

Will you please find out for me what bills this Pay Warrant pays and oblige

Yours truly
J. F. Randolph

March 16th 92

E. Lawrie Esq.
Orange N.J.

Dear Sir:

I beg to advise you that Mr Edison has been informed of your not coming to the Laboratory at the time that you should have come and of your trying to push in time for same, stating that you had been to work up in the Park.

He instructed me that I was to discharge you for same and ask you to turn in everything which you have belonging to him.

The above to go into effect tonight.

Yours truly
John F. Randolph

Mar. 15th 1892

Frasse & Co
90 Park Row New York.

Dear Sirs.

Regarding the enclosed bill we were promised by your representative when out here 25% discount you have only allowed 20% off.

Please send also a credit memorandum covering the Green River #2 Screw Plate 14.00 returned by us.

Yours truly
Edison Laboratory

Mar 18th 1892

John H. Wood Esq
18 Liberty Street
New York

Dear Sir

I beg to enclose herewith a list of Insurance on Furniture at the house in Llewellyn Park.

Yours truly
John B. Randolph

Buffalo German	$ 2500.	$	21299
New Hampshire	2500.	"	506481
Infgn and Builders	2500.	"	162472
Lion	2500.	"	455772
Broadway	2500.	"	156814
North River	2500.	"	306500
Merchants	5000.	"	674863
Fire Association Phila	5000.	"	1331451
Firemens	5000.	"	23939
Hartford	5000.	"	422
Springfield	5000.	"	981
Niagara	5000.	"	5946
Aetna	7000.	"	2439
Union	4500.	"	325043
Merchants	3500.	"	12063
Lion	2500.	"	454979
	$ 62500.		

Mar 26-1892

Thos. Butler Esq.
42 Broad Street
New York

Dear Sir:

I beg to advise you that Mr Edison wished me to arrange with you in regard to your company taking over Messrs Lehman, Castleline and Kasper on your Pay Roll.

These three men are surveying and prospecting all the time for the New Jersey and Penna Concrete Works.

Their week ends Mar 31st 1892 and it would be advisable to start them on your books on April 1st 1892.

Hoping to hear from you as soon as possible I remain

Yours truly
J. B. Randolph

Mar 25th 1892

Francis R. Upton Esq.
Harrison N. J.

Dear Sir:

I beg to advise you that I have just received a memorandum from Mr Edison asking me to arrange with you to have the men employed in the Lamp Room and the Glass Blower and his assistant taken from the Laboratory Pay Roll and paid direct from the Lamp Works.

Tomorrow we pay off and it pays all the above in full to March 25-1892

If you wish to send their money to me I have us keep their time and send it to you we will be only tooglad to do so

Yours truly
John B. Randolph

March 28th 1892

Samuel Insull Esq
42 Broad Street
New York.

Dear Sir

I beg to advise you that I called you up regarding the books and it happened to be the morning that you was called away to Chicago.

I took the papers regarding the books to Mr Edison and he refused to sign same stating that he was entitled to receive the one quarter fee and that in order the get that amount fee he was entitled to receive a percentage for the use of the Tools, so he made up a memorandum in his own handwriting which is just the same as talked over by us on Saturday with the exception that he charged 8% depreciation on Machy & Tools and his reason for doing so was that in a few years the Tools & would be used up and he would receive nothing for them.

He instructed me to go ahead and make up the books on that basis which I have done.

Trusting this meets with your approval I remain

John R. Randolph

Mar. 26/92

N.E. Simonds Esq.
Comm. of Patents.
Washington D.C.

Dear Sirs.

Referring to our conversation please discontinue sending the copies of patents in classes of Electric Motors and Railways, and oblige

Yours truly
Thomas A. Edison
By [illegible]

March 29th 1892

Mr. Stilwell
110 Fifth Street
Elizabeth N. J.

Dear Mr. Stilwell

Your favor of the 26th inst came to hand yesterday and in reply I beg to enclose you herewith a check for $300 12/100

Yours truly
J. B. Ramsey

March 29th 92

German National Bank.
Broad Street
Newark N. J.

Dear Sirs:

I beg to withdraw the Power of Attorney which I executed some time ago in favor of Mr Samuel Insull giving him power to sign checks my personal account.

Kindly return the above mentioned Power of Attorney and greatly oblige

Yours truly
Thos A. Edison

Mar 29th 1892

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

From Southern Electric Co	$14.30
" Fredk Pearce	10.73
" Mfgrs Automatic Sprinkler Co	13.00
" Kansas City Ft Scott & Memphis R.R.	291.44
" C. S. Stockton	45.00
" R. J. Rook	10.67
" J. W. Bunnell and Co	92.26
	$477.40

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

March 30 1892

Hugo Kayser Esq
Ogden N. J.

Dear Sir:

I beg to advise you that beginning April 1 - 1892 Mr Edison has transferred you from the Laboratory Pay Roll to the Pay Roll of the New Jersey and Penn^a Concentrating Works and Mr Edison wished me to inform you that you was to send your time and expenses direct to their office at 44 Broad Street New York.

Please send me an account of your expenses up to April 1 - 1892 and a statement of how much is due you and I will get a check to balance your account.

In then sending for money you should address Mr Thomas Butler Secretary 44 Broad Street New York

Yours truly
John F. Randolph

R. D. Cantelmie Esq
Hellerstown Penna.

March 30 92

Dear Sir:
I beg to advise you that Mr Edison has transferred you from the Labratory Pay Roll to the Pay Roll of the New Jersey and Penna Concrete Works 191 Broadstreet New York to take effect April 1-1892 and from that time you should send them your time and expenses and in writing them for money address Mr Thos Butler Secretary
Please send me your expenses to April 1-1892 and a memorandum of how your account stands and I will get a check to balance same

Yours truly
John R. Randolph

Thos. Butler Esq Secretary
New York

March 30th 92

Dear Sir:
Referring to your favor of the 28th inst, I beg to advise you that I have notified Messrs Lehman, Cantelmie and Kayser that they have been transferred to your Pay Roll from April 1-1892 and instructed them to send their time and expenses to you and told them when they wanted any money from that time to send to you.
The Salaries are as follows:

Theo Lehman	$25.00	per week
Chas. Hugo Kayser	21.00	" "
R. D. Cantelmie	20.00	" "

and we have always advanced them money to pay their expenses
Yours truly John R. Randolph

Thos Lehman Esq
Flanders N.J.

Mar 30th 92

Dear Sir,

I beg to advise you that Mr Edison has transferred you from the Laboratory Pay Roll to the Pay Roll of the New Jersey and Penna Concrete 44 Broad Street New York to take effect on April 1 1892. and you are to send them your time and expenses from that date on.

Please send me your expenses to April 1 1892 and a memorandum of how your accounts stands. I will get a check to balance same.

In sending for money you should address Mr Thomas Butler Secretary 44 Broad Street New York.

Yours truly
John B. Randolph

German National Bank
Newark N.J.

March 31 92

Dear Sirs:

I beg to enclose you herewith a note on the Alabama Phonograph Company for $205.00/100 with interest which falls due at the First National Bank Anniston Ala, on April 4 1892.

Please forward same for collection and place proceeds to my credit and oblige

Yours truly
Thos. A. Edison
By J. B. Randolph

Certificates No — 2506 to
2525 inclusive

My Dear Ralph —

Mr Randolph my bookkeeper will hand you two Thousand shares of Edison Land Stock.

The extra Thousand I send you may sell as follows —

sold — 300 at 101 1/2 300 at —

sold — 102 1/2 200 at 103 —

sold — 200 at 103 1/2 —

sold

— Thos A Edison

April 28th 1892

German National Bank
Newark N. J.

Dear Sirs:

I beg to enclose you herewith checks as follows:

	$
From Auto Fire Alarm & Tel. Co.	111.48
" Edison General Elec Co.	308.23
	$ 419.71

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

April 28th 1892

Messrs Eaton and Lyons
Broad Street
New York

Dear Sirs;

I beg to enclose you herewith $13000.00/100 in settlement of the Welch Case as per your favor of April 23. 1892.

Please send me the necessary papers receipts &c and oblige

Yours truly
Thos. A. Edison
R.

May 4th 1892

Thos. A. Edison Esq
Ogden N.J.

Dear Sir:

I beg to enclose you herewith a letter from Messrs Boeckhoffer and Co which came to me with a statement of your account with them and I have gone very very carefully over their account and my books say that:-

Messrs Boeckhoffer and Co owe you in cash		112 781.
" " " " holds in E.E. Selg Co New York Bonds		60000. 00
" " " " " " N.J. Lac & W. and N.Y. & R.R. Bonds		50000. 00
" " " " " " Illinois N.J. & R.R. Bonds		100000. 00

All the above belongs to you and none of it is put up as collateral for anything and this agrees with their books according to the letter which I enclose

If you have any letter or anything to send to Messrs Boeckhoffer and Co will you please send it to me so I can keep a copy of it to enable me to know what is going on also kindly return the letter which I have enclosed from them after reading same as I wish to acknowledge receipt of it to them and any remarks which you have to make.

On the following page I beg to submit an

account of the money which I received and paid out which is as follows:-

1892	Received	$
Apr 28-	From Messrs Woerishoffer and Co.	41000.00
May 2	" Edison Genl Elec Co (Dividend)	13792.00
		$ 54792.00

Paid out

		$	
April 28-1892	Paid Eaton and Lewis	13000.00	
" 28-	" N.J. and Penna Concentg Wks Co	13813.76	
May 2-	" Note at Bank	5000.00	
" 3	" " "	5000.00	
" 4	" " "	3761.85	
* " 6	" N.J. & Penna. Concent Wks Call	15000.00	55575.61
	Overpaid		$ 783.61

We have nothing to meet now until the 19th of this month unless there is a call made by the New Jersey and Penna Concent Works. Please let me know if you will be at the Labratory sometime before May 19-1892 and oblige

Yours truly

John F. Randolph

This check will be mailed tomorrow May 5-1892

May 6th 1892

Dr. F. P. Lozier, Esq.
5 City Hall
Newark N. J.

Dear Sir:-

Your favor of the 5th inst came to hand this morning addressed to Mr Edison and I beg to state that Mr Edison is away and will not be back for a week or ten days.

In regard to Mrs Mary J. Gill I beg to state that Mr Edison told me the last time I went to him regarding her that he would do nothing more and she has been told this but doesnot appear to take any notice of it.

Some time ago Mr Edison sent me to Newark with instructions to pay a certain amount for her Store Bill and two months rent and I went still farther and paid the whole store bill and the rent amounting in all to about forty some dollars. and then she kept writing me letters and I went to Mr Edison again and obtained for her fifty dollars more, and Mr Edison said that it was the last and she was notified to that effect

Yours truly,
John R. Randolph

German National Bank
Newark N.J.

May 21st 1892

Dear Sirs:

I beg to enclose you herewith checks as follows:-

From	Edison General Elec Co.	$1200.00
"	H. B. Anchincloss	8.13
"	National Transit Co.	35.40
"	Chas Lentz and Sons	33.17
"	Electric Supply and Mfg Co.	10.62
"	St Pope Plum.	41.00
"	Smith and Landell.	58.22
		$1386.54

Please place same to my credit

Yours truly
Thos. A. Edison

and oblige

May 23rd 1892

J. C. Reiff Esq.
Melchr Wronishoffer and Co.
52 Exchange Place
New York.

Dear Sirs:

I beg to acknowledge receipt of your favor of the 21st inst and thank you very much for the information contained therein.

I beg to advise you that you can go as high as 102 7/8 for the Edison Elec Ill Co. New York 5% Bonds and of course you understand that I would like to obtain them as much lower as possible. I will take $100,000 of these Bonds - you may buy 102 7/8 for Consols - immediate bonds -

Please have same put in the name of my wife. (Mina M. Edison) and greatly oblige

Yours truly
Thos A. Edison

May 26th 1892

J. C. Reiff Esq
Messrs Morrison Offerund Co
52 Exchange Place
New York.

Dear Sir:-

Referring to your favor of the 24th inst I beg to state that I have the right to subscribe for a lot of the General Electric Co Debenture Bonds, but I was going to sell the right and would like to know what is bid for rights on new bonds. I donot exactly understand what a Debenture Bond is, it is not a Mortgage Bond is it?

You may bid as high as 102¾ for the Edison Electric Illg Co New York 5% Bonds

Yours truly

Thos A Edison

May 27th 92

A. H. Carnish Esq
Menlo Park
N. J.

Dear Sir:-

I spoke to Mr Edison regarding the old glass blowers building at Menlo Park and he stated that he did not want to let anyone have any of the buildings which are at the Laboratory. He has a reason for not selling or lending any of the building which he did not tell me.

Yours truly
John B. Randolph

May 27 1892

L. H. Litterst Esq
Menlo Park N. J.

Dear Sir:-

Mr Edison wished me to ask you to send him by freight to Orange N. J. the following goods which are at his house.

Two flower stands on front porch
One long glass in dining room-

Please have some one put a crate around the glass so it will not be broken.

The balance of the furniture which belongs to him you can leave in the house when you move away which. Please lock up and send the key to Orange and oblige
John B. Randolph

J. C. Reiff Esq
52 Exchange Place
New York

May 28th 92

Dear Sir:-

Your favor of the 27th inst came to hand this morning, and I thank you very much for the information contained therein.

I do not think I will buy any rights for the Debenture Bonds but think I shall exercise the rights which I am entitled, as a stockholder.

Again thanking you for the information I remain

Very truly
Thos. A. Edison
R.

German National Bank
Newark N. J.

May 28th 92

Dear Sir:

I beg to enclose you herewith checks as follows:

From	Automatic Phonograph Exhibition Co	$ 161.40
"	Knapp Electric and Novelty Co	28.48
"	New York New Haven and Hartford R.R.	47.39
"	Edison General Electric Co Cornhain Dish	34.57
		$ 271.84

Please place same to my credit

and oblige

Yours truly
Thos A. Edison
R.

June 1st 1892

Thos. A. Edison Esq
Ogden N.J.

Dear Sir:

I beg to enclose you herewith a letter which was received from Messrs Brocrishoffer and Co this morning in which they state that they have bought $3000.00/100 worth of E.E. Seg Co New York 5% Bonds at 102½ they also enclose Calls for the right to purchase Bonds of the General Electric Co for the 500 Shares which was delivered a day or so ago and which is correct.

They do not want them made to any order but signed in blank by you. please sign same and return to me and I will deliver them to Messrs Brocrishoffer and Co.

I beg to enclose you herewith a letter addressed to Messrs Brocrishoffer and Co asking them to send you a check for $13700.00/100 please sign same as I will need this money to pay a Call of the New Jersey and Penna Concentrating Works which falls due on the 6th day of June.

I beg to call your attention to the fact that

if you wish to exercise or sell your right to subscribe for Bonds in the General Electric Co you must do so before twelve o'clock on June 7. 1892 as they will not receive any subscriptions after that time.

Yours truly
John R. Randolph

German National Bank
Newark N. J.

June 7 1892

Dear Sirs:

I beg to enclose you herewith check from the Western Union Teleg Co for $ 500.00/100

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

June 7 92.

Thos A. Edison Esq
Ogden N. J.

Dear Sir:

I beg to advise you that I have received a notice from Messrs Morrishoffer and Co this morning stating that had bought $8000.00 worth of E. E. Reg Co New York 5% Bonds at 102½.

They state that they may be able to obtain the amount you require by picking up the small amounts

Yours truly
J. F. Randolph

June 4th 92

Messrs Morrishoffer and Co
52 Exchange Place
New York.

Dear Sirs:-

Please send me a check for $13700.00/100 and charge same against my account and greatly oblige

Yours truly.
Signed by Mr Edison personally.

P.S. attached to this letter is Assignments of Rights to purchase Bonds for 100 Shares of Stock of Edison Renewal Lite Co
T.A.E.

Messrs Kroenchoffer and Co-
52 Exchange Place
New York

June 4th 92

Dear Sirs:-

Referring to your favor of the 3rd inst I beg to state that you can purchase for one the One hundred thousand dollars worth of Northern Pacific First Mortgage 6% Bonds at 118 or better if possible, & put them in my wife's name

I would like if possible to have it arranged so the checks for interest will be mailed to direct when the interest is payable from time

Name is Mina M. Edison

Thomas A. Edison

German National Bank
Newark
N. J.

6th 1892

Dear Sirs:

I beg to enclose you herewith checks as follows:-

Firm. Edison General Elec Co-	$ 1200.00
" John V. Stout	4.41
" Pa Scranton Elg Light Heat & Power Co-	7.80
" Star Electric Co-	13.80
	$ 1226.01

Please place same to my credit and

oblige

Yours truly
Thos. A. Edison

June 11th 1892.

Messrs Kronishoffer and Co
52 Exchange Place
New York

Dear Sirs:

You have on hand an order from me to sell Edison General Electric Co Stock as follows:-

500 Shares at 113
500 " " 113 1/2
500 " " 114

I beg to recall the above order and ask you to sell the following price

500 Shares at 109
500 " " 109 1/2
500 " " 110

Please acknowledge receipt and oblige

Yours truly,

[illegible]

June 11th 1892

J. P. Ord Esq Comptroller
Edison General Electric Co
Broad Street
New York.

Dear Sir:-

I have been drawing weekly from your company $1200.00/100 as per my contract and for the present I would like to draw only $800.00/100 each week until further notice.

Please have the check mailed to me each week to the above address and greatly oblige.

Yours truly.

Messrs Froeniskoffer and Co
52 Exchange Place
New York.

June 13th 92

Dear Sirs:

Your favor of the 10th inst came to hand this morning stating that you had purchased $10000.00/100 worth of Northern Pacific Bonds at 118½ and I beg to state that it meets with my approval.

Thanking you for same I remain

Very truly
Thos. A. Edison
(R)

Messrs Gilbert and Barker
90 John Street
New York

June 11th 92

Dear Sirs:

Please send me six barrels of Gasolene same as sent last time and oblige

Yours truly
(Mrs) Mina M. Edison
(R)

Mrs Van Gasbeck
65 Prospect Street
East Orange N.J.

June 14th 92

Dear Mrs Van Gasbeck.

I beg to enclose you herewith my check for $25.00/100 for the Menninie Hospital.

Kindly send receipt and oblige

Yours truly
(Mrs) Mina M. Edison
R.

Thos A. Edison Esq
Ogden N.J.

June 14th 92

Dear Sir

I beg to advise you that Messrs Bronsthoffer and Co have sold 100 Shares Edison General Elec. Co's Stock at 109 1/8.

Yours truly
J. B. Randolph

June 16th 92

Thos A. Edison Esq
Ogden N.J.

Dear Sirs-

Messrs Kroenhoffer and Co have sold 300 shares Edison General Electric Co Stock at 109

Yours truly
John D. Randolph

June 16th 92

German National Bank
Newark N.J.

Dear Sirs-

I beg to enclose you herewith checks as follows:

From	Connecticut State Reform School	$ 17.68
"	Richardson Bros	6.415
"	Phillips J. Lough	18.05
"	Holtzer Cabot Electric Co	85.32
"	Thos Paget	75.22
		$ 202.72

Please place same to my credit and oblige
Yours truly
Thos A. Edison
(R.)

June 20th 1892

Messrs Drexel Morgan & Co
52 Exchange Place
New York.

Dear Sirs:-

I beg to acknowledge receipt of your favor of the 18th with advising me that you have purchased $34000.00 Edison Elec Illg Co New York Bonds and that you will have $100000.00 registered in the name of Mina M. Edison and $10000.00 in the name of Thos A. Edison which meets with my approval.

I send you herewith 400 shares of Edison General Electric Company's Stock which please acknowledge and oblige

Yours truly,

Thos A. Edison

German National Bank
760 Broad St.
Newark N.J.

July 16 92

Dear Sirs.

Enclosed herewith please find check + A-769 from the Edison General Elect. Co. for $100.00 please place the same to the credit of my account and oblige

Yours truly
Thomas A Edison

J. C. Reiff Esq
Dresser Brooklahoffer and Co.
52 Exchange Place
New York.

July 18th 92

Dear Sir.

Please sell 1000 shares of Edison General Electric Co's stock at the following prices or better and greatly oblige

300 shares at 112 ✓
200 " " 113 ✓
300 " " 114 ✓
200 " " 115 ✓

Yours truly
Thos A Edison

July 25th 1892

J. L. Ruff Esq
Messrs Morrisoffer and Co.
52 Exchange Place
New York.

Dear Sir.

I beg to advise you that I have a note dated January 27th 1892 for six months no grace drawn in favor of the United States Trust Co for ($70000) Seventy Thousand Dollars with interest at 4%. which is payable on Wednesday July 27th 1892

Will you please send them a check for the amount of the note $70000.00/100 and the interest $700.00/100 and obtain from them the note and $100000.00 par value Bonds of the Cincinnati Indianapolis St Louis and Chicago R.R. Co and hold said Bonds for me.

Please charge the above note with interest to my account as per arrangements with Mr Randolph and oblige

Yours truly.

Thomas A. Edison

July 26th 1892

United States Trust Co.
New York

Dear Sirs:-

Messrs Woerishoffer and Co will send you a check in payment of my note for $70000.00 with interest which falls due on Wednesday July 27th 1892.

Please turn over to them the 100000.00 worth of 1st Mtge 6% Bonds of the Cincinnati Indianapolis St Louis and Chicago R. R. Co which you hold as security for the above note and greatly oblige

Yours truly
Thomas A. Edison

July 28th 92

Messrs Kronishoffer and Co.
52 Exchange Place
New York.

Dear Sirs-

I beg to acknowledge receipt of your favor of the 27th inst stating that you have paid the United States Trust Co. my note due the 27th inst with interest $71400.00/100 and that you have received the $100000.00/100 in Cincinnati Indianapolis St Louis and Chicago 4% Bonds which they held as security for same.

Thanking you very very much for your kindness

I remain

Very truly
Thos. A. Edison
R

July 28th 92

German National Bank
Newark N.J.

Dear Sirs-

I beg to enclose you herewith checks as follows:

From Knapp Electric & Novelty Co.	$53.40
Iowa Union Telephone Co.	56.56
	109.96

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Messrs Groenhoffer and Co.
52 Exchange Place
New York

Aug 8th 92

Dear Sirs:-

I beg to enclose you herewith a memorandum received from Mr Edison this morning to sell 1000 shares of General Electric Co's Stock as follows:-

200 Shares at 115
200 " " 117
200 " " 119
200 " " 120
200 " " 121

Yours truly
John R. Randolph

German National Bank
Newark N.J.

Aug 8th 92

Dear Sir: I beg to enclose you herewith checks as follows:

From	Groenhoffer and Co.	$ 5000.00
"	Wm H. Houghton	5.35
"	Phillip Leigh	15.29
		$ 5020.64

Please place same to my credit

Yours truly
Thos. A. Edison
R

and oblige

Aug 9th 1892

Messrs Kreischoffer and Co.
52 Exchange Place
New York

Dear Sirs.

I beg to enclose you herewith a memorandum received from Mr Adam this morning asking you to purchase for him the following.

50000.00/100 Northern Pacific 1st Mtge Ag Bonds at less than 107 ✓
50000.00/100 Lehigh Valley of New York 1st Mtge Ag Bonds " " " 104 ✓
25000.00/100 General Electric Co. 5% Debenture Bonds Co. " " 104½ ✓

Yours truly
John B. Randolph

August 10th 1892

Thos. A. Edison Esq
Edison N. J.

Dear Sir:-

I beg to advise you that Brown Brothers & Co sold for your account yesterday 2200 Shares of General Electric Co stock at 185 ¼ which is ¼ more than price quoted by you.

They also bought for your account the following Bonds-

100000.00	Northern Pacific R.R. Bonds at	116	price given by you less than 117
50000.00	" " " " "	116 ½	
100000.00	" " " " "	116 ½	
150000.00	" " " " "	116 ¾	
300000.00	Lehigh Valley of New York at	103 ¾	price given by you less than 104

Please return the enclosed letter to me and oblige

Yours truly
J. R. Randolph

Thos. A. Edison Esq
Edison N.J.

Aug 11th 92

Dear Sir:- I beg to advise you that Messrs Drexel Morgan and Co have purchased 25000 General Electric Co Bonds for you at 104½. I have instructed them to buy same at less than 104½ and the explanation why they paid 104½ you will see by their letter which I enclose. If after reading same it meets with your approval please sign the enclosed letter and mail same to Mr Reiff and oblige

Yours truly
John B. Randolph

P.S. This completes the order which you gave them, and tomorrow I will send you a statement of how your a/c stands with Drexel Morgan & Co
JBR

Messrs Drexel Morgan and Co
52 Exchange Place
New York

Aug 12th 92

Dear Sirs:-

I beg to advise you that I have received a memorandum from Mr Edison this morning stating that he would like to have the last order sent you for bonds all registered in his name.

Yours truly
John B. Randolph

August 15th 1892

J. P. Ord Esq Comptroller
Edison General Electric Co
Broad Street
New York.

Dear Sir.-

Please reduce my weekly allowance from eight hundred to six hundred dollars per week and mail checks to me at Orange N. J and greatly oblige

Yours truly

Thos A Edison

German National Bank
Newark N. J.

Oct 6th 92

Dear Sirs:

I beg to enclose you herewith checks as follows:

Rcvd.	General Electric Co.	$12.69
"	J. R. Palmenberg Rcpt.	3.70
"	D. B. Delavan	50.00
"	J. E. Wrynan	37.72
"	Kansas City Ft. Scott & Memphis R.R.	108.33
		$212.44

Please place same to my credit and oblige

Yours truly,
Thos. A. Edison
R.

Messrs Drexel Morgan and Co
23 Wall Street
New York.

Oct 10th 92

Dear Sirs:-

Please arrange for me so that the Cincinnati, Indianapolis, St Louis and Chicago R.R. and the New York Central and Hudson River R.R. will send checks direct to me for interest on their bonds held by me.

By giving the above your prompt attention you will greatly oblige

Yours truly,
Thos A Edison

German National Bank
Newark N. J.

Oct 10th 92

Dear Sirs:-

I beg to enclose you herewith checks as follows:

Drom.	Gething Electrical Mfg Co.	$ 8.35
"	C. C. Leeper	.74
"	Shields and Co.	10.95
"	J. H. Bunnell & Co.	951.28
"	Edison Spanish Colonial Light Co.	56.24
"	Edison General Electric Co. Schenectady	1478.50
		$ 2506.06

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
(R)

Oct 10th 92

Edison United Phonograph Company
Mills Building
New York

Dear Sirs:-

I beg to enclose you herewith Certificate No 15 for one share in the name of and endorsed by Mr Samuel Insull. Please transfer same in the name of Alfred O. Tate and return the new certificate to me and greatly oblige

Yours truly,
Thos A Edison

Oct 11th 1892

Phis Butler Esq.
44 Broad Street
New York

Dear Sir:

I beg to enclose you a memorandum handed me this morning by Mr Edison as follows:

"Say I understand graphone people buying our reproducers and putting them on graphones. Better take warning and use discretion in selling but very few transmitters and reproducers without you know they are for renewals especially to Columbia Company. Have sent copy this to Lambard."

Mr Edison means by the last sentence for you to send a copy of the above to Mr Lambard

Yours truly
John D. Randolph

German National Bank
Newark N. J.

Oct 29th 92

Dear Sirs:

I beg to enclose you herewith checks as follows:

From:

Electric Supply and Mfg Co		$ 6.75
General Elec Co	Atlanta	19.46
General Elec Co	Chicago	237.54
The Buckeye Pipe Line Co		89.31
		$ 355.06

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Messrs Kochhoffer and Co
52 Exchange Place
New York

Oct 31st 92

Dear Sirs:

Please sell for my account 400 shares General Electric Co Stock at 116 or better if possible and oblige

Yours truly
Thos. A. Edison

The Bearer Henry Adams has been in my Employment for the past year as machinist and electrician, I find him a willing and reliable worker and leave to go with the position

Thomas A Edison

Nov 14th 92

Messrs Koenigsoffer and Co
52 Exchange Place
New York

Dear Sirs:

Please deliver to bearer check drawn to my order for $10000.00/100 and charge same to my account and greatly oblige

Yours truly

[illegible]

Nov 14th 92

Messrs Koenigsoffer and Co.
52 Exchange Place
New York

Dear Sirs:

I beg to confirm my telephone message as follows:

Please sell the 400 shares of General Electric Co. stock of mine which you hold at the market price today

Yours truly

[illegible]

H. S. Perry Esq Treas.
Edison Arc Welding Co.
New York

Nov 28th 92

Dear Sir:

I beg to enclose you herewith invoice in connection with Copper and Nickel Arc Experiments amounting to $4987.[illegible]/100 covering a period from April 1889 to June 1- 1890.

I could not send these bills out any sooner as Mr Edison only gave me permission to send them out last monday just a week ago

Yours truly
John R. Randolph

Nov 29th 92

German National Bank
Newark N. J.

Dear Sir:

I beg to enclose you herewith checks as follows

From United States Navy Pay Office	63.40
" R. E. Wise	95.07
" Lutley Mfg Co.	321.30
" Brackett and Stepler	151.37
" Delaware and Atlantic Tele and Telph Co.	116.55
	$ 747.69

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Dec 23rd 92

A. S. Pierce Esq Treas
General Electric Co.
44 Broad Street
New York

Dear Sirs. I beg to enclose you herewith 100 Coupons due Dec 1 1892 as follows.

No	1004 to	1078	Inclusive	75
"	3090 "	3100	"	11
"	3851 "	3864	"	14
			Total	100

Please give bearer check drawn to my order for $2500.00 and oblige

Yours truly
Thos A. Edison
By J. R. Randolph

Dec 23rd 92

J. L. Reiff Esq.
52 Exchange Place
New York.

Dear Sirs.

I beg to enclose you herewith 100 Coupons of the United N. J. & Phila Canal Co. which were due in Sept 1892.

If you could let me have a check for two thousand dollars for same drawn to the order of Mr Edison you will do me a great favor as Mr Edison left me these Coupons to obtain the Cash to pay a Call of his which must be paid on Tuesday sure, and if I wait to collect these from Philadelphia I am afraid I will run short.

Yours truly
John R. Randolph

Jan 30th 1893

Mr Marion Edison
Orange N. J.

Dear Mr Edison

Your Father instructed me to give you each month a check for $100.00 and also to advance you $25.00 each month, same being the interest on the North American Phonograph Co Bonds, making in all $125.00/100

He also informed me that when you received your interest from the North American Phonograph Co Bonds that you would return to me all the interest that I had advanced to you. He also stated that I was to deduct $35.00 each month from the $125.00 to help pay the two checks which he paid for you on Jan 24-1893 as follows:

	$
Stern Bros -	283.00
Orange National Bank	318.00
	601.00

I beg to enclose you herewith a check for $75.00 the amount due you for January 1893 which is made up as follows:-

Allowance	100.00
Interest Advanced	25.00
	$125.00
Payment on account of 601.00 $35.00	
Cash handed you this day (15.00)	50.00
Amount of check	$75.00

Yours truly
John D. Randolph

Feb 13th 3

Messrs Vocrishoffer and Co.
52 Exchange Place
New York

Dear Sirs:-

Please deliver to bearer check drawn to my order for $ 12000. 00/100, and charge same to my account and greatly oblige.

Yours truly
Thos A Edison

Feb 13 3

Messrs Vocrishoffer and Co.
52 Exchange Place
New York

Dear Sirs:-

I beg to enclose you herewith 100 shares of General Electric Co Stock.

Please sell same for me at the market price and oblige

Yours truly
Thos A Edison

Feby 17th 1893

Mrs Mary J. Gill
41 Rose Street
Newark N. J.

Madam:-

I beg to advise you that Mr Edison has instructed me to pay out six dollars ($6.00) per week for eight weeks in buying Groceries for you.

Will you please arrange with any Grocer that you wish to trade with to supply you with Groceries and have him make out each week for eight weeks his bill for not more than six dollars giving the date when the goods were bought and what each item is for and at the end of each week for eight weeks send the bill to me and say if it is correct and I will send the money to the Grocer and have the bill receipted and hand it to Mr Edison to show him that I have carried out his instructions

I would come and see you in regard to this myself but I have some sickness at Home and dare not leave so I send this by Mr Miller and anything you tell him will be just the same as though you told me.

Yours truly
John F. Randolph

Feb 21st 1893

Mrs Mary Hill
41 Rose Street
Newark N.J.

Madam.

Your letter came to hand this morning and I beg to state that there is no one employed at the Edison Laboratory by the name of Mr Byron.

I saw Mr Edison when he was here yesterday and had a talk in regard to lending you the money which you spoke to Mr Mueller about and he says that he will not lend the money so please do not ask me to go to him again as I will not do it as he has told me so about half a dozen times and there is no use in your writing or having any one else write for he says he will not. And it and when he makes up his mind it cannot be changed.

Yours truly
John D. Randolph

"The Tribune"
Cor Nassau & Frankfort Streets

March 2nd 93

Dear Sirs:-

We have written you twice asking you to send the "Tribune" daily to Master William Edison, St. Paul's School, Concord, N. H., Master William advises us that he has not received the paper, please advise us by bearer if you are sending the paper, and oblige,

Yours truly
Thomas A. Edison.
by W

E. H. Pullen Esq Vice President
National Bank of the Republic
New York.

Mar 6th 93

Dear Sir:-

Mr W. H. Wathins of Mt Carmel Penna has advised me that you will give me a check for $2025.00/100 on my delivering to you 45 shares of stock of the Edison Electric Illg Co of Mt Carmel Penna

Please deliver to bearer check in my name for the above amount $2025.00/100 and he will deliver to you the above named stock

Yours truly
T. A. Edison

John Kruesi. Esq.

Schenectady N.Y.

March 6th 93

Dear Sir

Have you any old Street Car Motors, Sprague or single reduction, motors 14 or 60.? I shall want a half dozen or so for use on Devices and thought if you were going to scrap any I could get them at scrap price

Yours truly

Thomas A. Edison

German National Bank
Newark N. J.

Mar 8th 93

Dear Sirs:-

I beg to enclose you herewith checks as follows:

From- Bracken and Hepler
Dr. L. Gottheil
Penna General Elec Cy-

	7.62
	52.30
	44.33
$	106.25

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
-R.

United N. J. R. R and Canal Cy-
Philadelphia
Penna

March 9th 93

Dear Sirs.

Please deliver to the German National Bank of Newark New Jersey check for $2000.00/100 the amount due me for Coupons on March 1- 1893 and oblige

The Coupons will be handed you by the above people.

Yours truly
Thos A Edison

Mar 10th 93

E. Clark Esq Auditor
Edison General Elec Co
44 Broad Street
New York

Dear Sir-

Your favor of the 8th inst came duly to hand enclosing statement of my account for which please accept my thanks.

Please send me a statement showing how the royalty $2977.$\frac{22}{100}$ from Oct 1st 1892 to June 30th 1893 is made up and oblige

Yours truly
Thos A Edison

E. Clark Esq Auditor
Edison Manufg Electric
New York

Mar 10th 93

Dear Sir-

Mr Edison requested me to advise you that your company has never credited his account with the one quarter which he is entitled to according to his agreement.

The amount of his one quarter to January 31st 1893 is $34665.$\frac{41}{100}$ and for which I have rendered bills and all yet they have never been credited to Mr Edisons account.

Please have this matter looked into and the amount placed to Mr Edison's credit and hoping to hear from you in regard to same I remain

Yours truly
John F. Chandler Jr
Bookkeeper.

E. Clark Esq Auditor
Edison General Elec Co
Boston. Mass.

Mar 28th 93

Dear Sir.

In reply to your favor 22nd inst I beg to enclose you herewith the invoices asked for in your letter

Yours truly
John B. Randolph

~~Invoice for Jan 1893 $600.~~
~~Quarter due June 1st per agreement~~

Mrs Mr. Stilwell
Hamilton
Ontario

Mar 29th 93

Dear Mrs Stilwell

Your favor of the 27th inst came to hand this morning and in reply I beg to state that I have seen Mr Edison and he instructed me to send you checks on May 1st and June 1st for the same amount as before.

I enclose you check for $100. and trust it will reach you quickly

Yours truly
John B. Randolph

April 4 3

Messrs Drexel Morgan and Co
23 Wall Street
New York

Dear Sirs:-

Please deliver to bearer Mr H. P. Miller the 112 Shares of Brush Electrical Engineering Co's stock which you hold for me and oblige

Yours truly -

April 5th 3

Messrs Kroenkhoffer and Co
52 Exchange Place
New York

Dear Sirs:-

Please deliver to bearer check for $12500.00 drawn to my order and charge same against my account and greatly oblige

Yours truly -

Messrs Groenishoffer and Co
52 Exchange Place
New York

April 5 3

Dear Sirs:-

I beg to enclose you herewith 200 Shares of the General Electric Co's Stock

Please sell same for me at the market price and oblige

Yours truly
T. A. Edison

German National Bank
Broad Street
Newark N. J.

April 5 3

Dear Sirs:- I beg to enclose you herewith checks as follows

From	Groenishoffer and Co.	$12500.00
	Western Union Tel. Co.	500.00
	Sperling, Fischer & Heath Co	17.13
	Western Electric Co.	1.36
	Electric Supply & Construction Co.	16.46
	David W. Knapp	229.91
		$13264.86

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
T.

April 13th 1893

R. F. Birdsall Esq
Orange N.J.

Dear Sir-

My wife informs me that in your bid to paint my house that you do not include the brick part of the same which is just as much a part of the house as the wood.

My understanding of your letter is that you paint the whole house outside with the best material and in a workmanlike manner, and I notify you that I will not pay your bill unless this is done and if you continue the job it must be on this understanding.

Yours truly

Thos A Edison

April 19th 1893

J. T. Boyd Esq. Genl. Supt.
Cornwall Ore Bank Co.
Cornwall, Pa.

Dear Sir:-

The General is mistaken about the belt at Orange, we have none here. in our mill at Ogden we have about two miles of conveying belting. The mill is not now running. I suggested to the General that he could use such a belt dumping the ore from cars or wheelbarrows upon it, and have boys to pick, the same as in a coal breaker. The rubber belt is independent of the weather, and an electric motor could be used, the belt ways being in sections and the whole could be moved about by hand labor. I am at the Laboratory, Orange, every day and if you want to get information on the subject I will be happy to see you and give you my idea.

Yours truly
Thomas A. Edison

May 15th 1893

E. Clark Esq
Asst to Comptroller
Edison General Elec Co
Boston Mass.

Dear Sir:-

I beg to acknowledge receipt of your favor of the 6th inst enclosing statement of my account and I beg to advise you that my account has not been credited with the quarter due me as per my agreement with your company and which amounts to $25962.36/100 up to March 31st 1893.

By having this account fixed up as soon as possible you will greatly oblige.

Yours truly-

Thos A Edison

P.S.
The bills for the above quarter have been made up and sent in several times

JAE

German National Bank
Newark N. J.

May 16th 3

Dear Sirs:-

I beg to enclose you herewith checks as follows-

From Middletown Gas Co.- $2.40
Dr. J. Mallory- 60.00
$62.40

Please place same to my credit and oblige

Yours truly,
Thos. A. Edison
R.

A. O. Pate Esq Sec'y
Edison Phonograph Works
44 Broad Street
New York

May 17th 3

Dear Sir:-

I beg to advise you that I have turned over to Mr Hamilton Shiller $1116000.00 worth of demand notes in exchange for $1116000.00 worth of the North American Phonograph Co Bonds.

The bonds and proceeds are in the name of the Edison Phonograph Works by bill as soon as I can get Mr Edison in New York I will have them transferred

Yours truly
J. D. Ramsdell

Addison H. Hazeltine Esq
828 Broad Street
Newark N. J.

May 25th 1893

Dear Sir:-

As per your conversation with my bookkeeper this morning I beg to enclose you herewith the original Bond and Mortgage dated October 20th 1887 on which I received a loan from The Mutual Life Insurance Co of New York for $20000.00 and which was paid by me on May 20th 1890 as per receipt on the back of the Bond.

Will you please see if the enclosed Mortgage has been cancelled and if it has not will you kindly have it done and return them to Mr Randolph who is to call on you for check one week from tomorrow and greatly oblige

Yours truly
Thos. A. Edison
R

June 7th 1893

Addison H. Hazeltine Esq.
128 Broad Street
Newark N. J.

Dear Sir:-

Mr Randolph my bookkeeper has called my attention to the fact that there are two judgements which appear against me, and which you would like to have cancelled of record, which amount to in all $361.$\frac{36}{100}$

I beg to state that at the present time I am unable to do anything in regard to the above as I do not know of the whereabouts of Messrs Murray and Gilleland but I am quite sure that the same has been paid or I would have heard from the judgements long ago.

Mr Randolph informs me that at your request he sent you the old Bond and Mortgage dated Oct 20- 1887 which you desired to have record cancelled before making out the new Bond and Mortgage and which now you refuse to return him until the above judgements are cancelled. I cannot see what these papers have to do with the above judgements and much request you to send them to me immediately

Yours truly-
Thos A Edison

June 8/93

Cornish Bros

Washington N.J.

We have the match cabinet ready at the laboratory

if you desire to bid on a lot of say 100 please

send your man here, We expect to use several

thousand a year,

Yours

Thos A Edison

June 8th 1893.

Dickson & Wurth

One set of photos of Cabinet must have measurements on it

Mr Wurth will make measurements & put them on photos with ink –

Edison

June 13th 1893

E. F. Gilliland Esq.
1223 Wilcox Avenue
Chicago. Ill.

Dear Sir.

A few days ago I had a search made on Mr Edison's Laboratory property and after it was finished the lawyer informed me that there were two judgements against Mr Edison as follows:

The Eagleton Mfg Co
vs.
Thos A. Edison and
Joseph F. Murray - Partners
as Edison & Murray

Essex Circuit Court
Entered Sept 8 - 1875
Dam. $ 148.69
Costs 38.22
Claim $ 186.91
Recorded in Bk 59 pg. 120
Samuel F. Pugsley
atty.

No. 1

New Jersey Supreme Court.

Stephen J. Meeker, survivor further
vs of David A. Meeker and Sons
Do.
Edward F. Gilliland and Thos A. Edison
late partners as
Gilliland & Co.

In Case on Postis
E. F. Cornelison Atty
Entd Nov 15, 1887
Damages $ 174.45
Do Costs

No 2

I informed Mr Edison regarding the above judgements and he still he was sure that they had been paid and said I should have attended to cancelling the judgements from the recorder.

As I have been with Mr Edison a number of years, and in my own mind I am sure that I never drew a check in payment of either of the above judgements but they may have been paid by Mr Insull or some one else which I know nothing about.

My reason for writing you is that while you were at the laboratory I remember some one coming here with a judgement and which I think you paid and remember you saying something to me about it and it runs in my mind that it was one of these which I mention.

If you would kindly look over your papers and if you have paid either the above or both and send the receipts of same to me to enable me to have the judgements cancelled this would enable me to convince Mr Edison that I am much in saying that I have had nothing to do with these judgements and I would be forever grateful to you.

Yours truly,
John R. Randolph.

June 14th 93

Scott Freeman Esq Asst Treas.
North American Phonograph Co
44 Broad Street
New York

Dear Sir:-

In reply to your favor of the 13th inst I beg to enclose you herewith Power of Attorney for the transfer of the 146 Edison Phonograph Works Bonds.

Please notify me when they are ready for delivery and oblige

Yours truly
John R. Randolph

June 14th 93

Messrs Drexel Morgan and Co
Wall Street
New York.

Dear Sirs:-

In reply to your favor of the 13th inst I beg to state that you can sell the Northern Pacific Bonds which you hold belonging to me and place the proceeds to my credit and greatly oblige

Yours truly
Thos A Edison

John H. Wood Esq.
18 Liberty St. New York

June 22nd 93

Dear Sir;

In reply to your telephone message of this afternoon would say the Laboratory Pay Roll amounts to about $800.00 per week, we have ten machinists whose pay averages 31½¢ per hour, fourteen experimenters they average $23.00 per week, two engineers who average $21.00 per week; two firemen who average $13.00 per week; three boys who average $6.00 per week two laborers at $9.00 per week; one storekeeper at $14.00 per week; one pattern maker at 35¢ per hour; two carpenters at 27½¢ per hour; two watchmen at $12.00 per week. Two book keepers and one stenographer are included in list of experimenters.

Yours truly Edison Laboratory

German National Bank
Newark N. J.

June 22 93

Dear Sir:- I beg to enclose you herewith checks as follows:-

From	$
J. Brotherhood	2.13
E. F. Burke	22.20
The Franklin Electrical Co.	20.00
St Louis Electrical Supply Co.	23.59
Gottlieb Electric Co.	1.74
Howell Shanklin and Donnan	12.96
The North American Phonograph Co.	55.88
Penn. R. R. Co.	17.10
United R. R. of N. J. Division	77.01
Phila. & Erie + Balt R. R. Co.	16.66
	$ 249.27

Please place same to my credit and oblige

Yours truly
H. H. Wood

Germany National Bank
Newark N. J.

June 24th 93

Dear Sir:- I beg to enclose you herewith checks as follows:-

From-

Treasurer N. J.	
Company Ave Bank Co.	$ 300.00
G. F. Merrill	5.25
E. A. Kilmore	8.96
Dr. J. Runnes Jr	8.93
F. Arnold & Sons	25.00
Ogdensburg Bank	50.38
Bleh & Ellis R.R	85.00
" " "	3.77
" " "	20.75
" " "	20.89
	$ 528.23

Please place same to my credit ~~and oblige~~

Yours truly
Thos. A. Edison
A

Chas. A. Coffin Esq.
44 Broad Street
New York

June 26 93

Friend Coffin:- In reply to your favor of the 24th inst. I beg to state that

Mr A is J. Valentine Newark N. J.
" B is John McClure " "
P. Daniel New York is very low when you bid otherwise not.

Yours truly-
Thos A Edison

Miss Edith Edison
111 - West 112 nd St. New York

July 19th 93

Dear Miss Edison:-

I have received word from Mr Edison to send you some money for your expenses to Chautauqua and as she did not state the amount I enclose herewith $25.00 as per request of Mr Edison. Please acknowledge the receipt of same and oblige

Yours truly
John F. Randolph
Bookkeeper

German National Bank
Newark N.J.

July 19 93

Dear Sir:-

I beg to enclose you herewith eight drafts as follows:-

Mannon & Co	$161.40
Consolidated Elec Lt Co	11.88

Please forward same for collection and place proceeds to my credit and oblige

Yours truly
Thos. A. Edison
R.

Thos A. Edison Esq
4142 Lake Avenue
Chicago Ill.

Aug 15th 1893

Dear Sir:-

I beg to enclose you herewith dividend check No 172 from The Edison and Swan United Electric Light Co Limited of London for £1431-0-4

Please sign your name on the face of the check where I have written your name in pencil. it should be written Thomas Alva Edison as the check is made out that way also please endorse it on the back as I have written it in pencil and return to me and I will have Messrs Drexel Morgan and Co get us the money for it

I have the books at the Edison Phonograph Works about finished to August 1-1893 and getting all the work up as soon as possible.

Yours truly
John R. Randolph

P. S.
You hold in the above company 9038 Shares at £5 per share and at par it would be worth about 200,000.00 in Two Hundred Thousand Dollars

Aug. 18th, '95.

Messrs. Cornish & Co.,

Washington, N. J.

Dear Sirs;-

In the last cabinets you sent I find the pegs in the drawers are not sufficiently glued---they break off very easily, some of them are too large in diamater, they should be made the same size as the model furnished you, by no means larger. Please remedy these defects and oblige,

Yours truly,

Thomas A. Edison

Saml Edwin Esq
Ft Gratiot
Mich

Sept 6th 93

Dear Sir:- I beg to advise you that Mr Edwin has sent a check to Henry R. Marx Treas St Clair County, Port Huron Mich. in payment of the following Taxes-

Taxes of Saml. Edwin	1890		$ 28.30
" " "	1891		114.78
" " "	1892		102.80
" " Thos A. Edwin	1893		2.29
			$ 248.17

Yours truly
John F. Randolph

Henry R. Marx Esq Treas
Port Huron
Mich.

Sept 6th 93

Dear Sir:- I beg to enclose you herewith my check for $ 248.17/100 the same being payment of Taxes as follows:-

Taxes of Saml Edwin for	1890	$ 28.30
" " " "	1891	114.78
" " " "	1892	102.80
" " Thos A. Edwin	1893	2.29
		$ 248.17

Please send receipted bills to me and oblige
Yours truly,
[illegible]

Mrs M. P. Edison
Pt Huron
Mich.

Sept 7th 93

Dear Mrs Edison

Mr Edison desires me to state that he is very short of money just at present and that he will have to reduce the allowance to $40.00 per month

Yours truly
J. F. Randolph
Cashier

Mrs M. Stilwell
Hamilton Ont Canada

Sept 7th 93

Dear Mrs Stilwell

Mr Edison desires me to state that he is very short of money just at present and that he will have to reduce the allowance to $50.00/100 per month

Yours truly
John F. Randolph
Cashier

Mr. S. Perry Esq Dear
44 Broad street
New York

Sept. 12th 1893

Dear Sir—

I have been trying to fix the wet sand but it is impossible except by use of a Dryer. In about three weeks we shall have to make our Sailing Way and I believe the right thing to do is to abandon the sand trade now and inform the people we cannot supply any more dry sand until our new arrangements are finished which will be in December, when we shall be able to furnish any quantity of dry sand absolutely free of dust and any size or combination of sizes to the extent of one thousand tons daily

Yours truly

T A Edison

Messrs Drexel Morgan & Co
23 Wall Street
New York.

Sept 14th 93.

Dear Sirs:-

In reply to your favor of the 12th inst I beg to state that at the present time I do not care to sell the $20000.00/100 United N. J. P. P & Canal Co's 4% Bonds which you hold for me but will communicate with you later on regarding them

Yours truly-

Thos A Edison

Mr. S. Perry Esq Treas.
44 Broad Street
New York

Sept 11th 93

Dear Sir:-

Please send me a statement for each month beginning April 1- 1893 showing what money has been received and from whom also a statement of what money has been paid and to whom, and in future please send me a statement like this each month when you send me the Trial Balances and oblige

Yours truly-

Thos A Edison

German National Bank
Newark N. J.

Sept 20 93

Dear Sirs-

I beg to enclose you herewith checks as follows:-

Prom.	Ralph Ives	$ 60.25
"	E. E. Light Co. Phila	27.09
"	J. E. Hymber	15.68
"	E. B. Peter and Sons	2.26
		$ 105.28

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

Sept. 21st 93

John H. Wood Esq.
18 & 20 Liberty St. N. Y.

Dear Sir:-

I beg to notify you that the sprinkler system in room three at the Laboratory went off, it was caused by the room being overheated by a small gas furnace, no damage was done and we put in new head and new valve so that everything is in good order. We will remove furnace so this thing will not happen again.

Yours very truly John F. Ott
Superintendent.

Messrs Drexel Morgan and Co.
New York

Sept 29 93

Dear Sirs-

In March 1890 you purchased for me the following bonds:
New York Lackawanna and Western R.R. 1st Mtge 6% Bonds
New York Central R.R 1st Mtge 7% Bonds.

Will you kindly furnish for me the month and year when the Principal becomes due and oblige

Yours truly
Thos. A. Edison
-R-

Sept 29th 93

German National Bank
Newark N.J.

Dear Sirs:-

Enclosed herewith please find the following checks viz:-

W.A. 1021	From Edison Gen. Elect. Co.	for	500.00
17608	" Bethlehem Iron Co.	"	4.01
3904	" John Kempstell	"	6.00
3871	" Electric Supply & Mfg Co.	"	41.90
3090	" C.J. Tomlinson Co.	"	174.27
7986	" Bethlehem Schumm do	"	324.75
			$1054.93

Please place these to the credit of my account and oblige Yours truly
Thos. A. Edison

Cornish and Co
Washington N.J.

Oct. 3rd 93

Dear Sirs:-

I beg to inform you that I wrote under date of Oct. 2/93 to the Edison United Phonograph Company requesting them to order direct from you such phonograph cabinets that they may require, at the same prices you charge me viz: 25.00 each, polished, in either Oak or Mahogany and that on or changes in cabinets Mr Wurth would visit your factory and explain details to you.

Mr Wurth desires me to inform you that he will send you in a day or so two models of automatic locking apparatus.

Yours very truly
Thos A Edison
by H.

German National Bank
Newark N.J.

Oct 4th 93

Dear Sir:-

I beg to enclose you herewith check as follows.

From-		$
Myself	Germania Bank	7.70
Cumberland Valley A.A. Co		4.70
		12.40

Please place same to my credit and oblige

Yours truly
Thos A Edison.
A

Oct. 9th 1893

J. Dr. Wadstone Esq
110 East 23rd Street
New York.

Dear Sir:-

In reply to your favor of the 7th inst I beg to state that I am sorry but I cannot send you any money as I have not enough just now to meet the Laboratory Pay Roll and must ask you to try and get enough to cover the overdraft, and also the meet your Pay Roll on next Saturday - and unless this is done I will not promise to have any money for your Pay Rolls as I have only $400.00 in my bank and the Laboratory Pay Roll amounts to $600.00/100 So I must ask you to furnish me money for your Pay Rolls for just now I cannot raise any money.

Yours truly,

John D. Randolph

Oct 9th 93.

Messrs Drexel Morgan and Co.
23 Wall Street
New York

Dear Sirs:-

Please ascertain the highest figure obtainable for the balance of the United N. J. R.R. & Canal Cpn Bonds which you hold for me and greatly oblige

Yours truly
Thos. A. Edison
A.

Oct 11th 1893

Messrs Drexel Morgan and Co.
23 Wall Street
New York

Dear Sirs.

I beg to confirm my telephone message to you as follows:-

"You can sell for me the $ 25000.00 worth of United N. J. R. R. and Canal Cpn Bonds which you hold for me at 100% and interest"

Yours truly
Thos A Edison

Oct 12th 1893

The Edison Ore Milling Co.
44 Broad Street
New York

Dear Sirs:-

I beg to acknowledge receipt of Certificate # 1226 dated Oct 10-1893 for 1650 shares of the Capital Stock of your company taken by me at $15 00/100 per share in payment on your account as follows:-

Open account to May 31-1893	$10552.56
Interest on your note $37092.00/100 from Sept 1-1890 to Oct 1-1893	4634.00
Part payment on account of your note dated Sept 1-1890	9563.34
	$24750.00

I have endorsed on the back of your note the above amounts as follows:-

Interest on your note $37092.00/100 from Sept 1-1890 to Oct 1-1893 -	$4634.00
Payment on account of your note for $37092.00	9563.34

After allowing the above credits there is still due me on your note from October 1-1893 $27509.46/100 and interest please say if this is correct.

Yours truly

Thos A Edison

Oct 16th 3

Edison United Phonograph Co
Mills Building
New York

Dear Sirs:-

In reply to your favor of the 13th inst I beg to state that I will name Col A.O. Tate as my arbitrator and I have notified Mr Tate to have this matter settled as quickly as possible and have asked him to notify you when he is ready to proceed.

Yours truly,

Thos A Edison

Oct. 16th 3

N. M. Glass Esq Supt
National Transit Co.
Oil City, Pa.

Dear Sir

Please inform me if the duplicate bills of phonoplex instruments received at Marietta Ohio & Listerville have been returned to Schenectady as per our request. Kindly send me bills of lading for the same, and if you have any acknowledgement of their receipt by the Schenectady people please advise me to that effect and oblige

Yours very truly Thomas A. Edison

Oct 13th 3

A. O. Tate Esq
30 Park Place
New York

Dear Sir:- I beg to enclose you herewith letter from the Edison United Phonograph Co dated Oct. 13-1893 and I have written them this day and marked you as my arbitrator. Please advise the Edison United Phono Co. when you will be ready to proceed and have this matter settled as quickly as possible and oblige

Yours truly
T. A. Edison

See me about it first with the accounts & have Miller Collect all the orders & letters directly or indirectly Connected with the accounts — E

Oct 16th 3

German National Bank
Newark N.J.

Dear Sir: I beg to enclose you herewith eight drafts as follows:-

Pho Supl Co	$ 12.58
Newark Arc Elec Light & Power Co.	12.42
Dela & Atlantic Telep & Tele Co.	100.23
Connable & Harper	92.42
Brooklyn Camera Co.	7.00
Arkansas Elec Supply Co.	132.61
Knapp Electric Works	77.51
Hughes & Bradshaw	15.99

Please forward same for collection and place proceeds to my credit and oblige

Yours truly
Thos. A. Edison
A.

Oct 20th 3

A. O. Tate Esq.
30 Park Place
New York

Dear Sir:- I beg to acknowledge receipt of your favor enclosing check for $807.00 the same being dividends for stock in the Chicago Central Phonograph Co. held by Mr Edison

Thanking you for same I remain

Very truly
John R. Randolph

Oct 20th 3

Thos. Dolan Esq
Philadelphia
Penna

Dear Sir:- Regarding England, I would be willing to recommend Works to take £2700.00/100 Twenty seven Thousand dollars cash in addition to the sum already received, on account of Sale of Manufacturing Rights in Great Britain by the Works if closed within thirty days from date

Yours truly
Thos A. Edison

Oct. 20th 1893

Manning Freeman Esq.
Metuchen New Jersey

Dear Sir:

The Tax assessment on my property at Menlo Park as per the two enclosed Tax Bills is $8260.00/100 and is the same now that it was ten years ago when it was in active operation and I think that it is far in excess of its value and I think that it should be reduced to about $3500.00/100 and I doubt very much if $3500.00 could be realized for same if I tried to sell it as the Building around the place are of very little value, and would cost more to repair them than to build new ones.

If you can do anything with the Commissioners of Appeals to effect a reduction it will be very much appreciated by

Yours truly

Thos A Edison

Dec 21/92

Arnold Reiff -

Sell twenty five thousand Canada
of Pacific and Western Mortgages at 89 or better - you
have this Bonds you can place them out gradually
also I should like some thousand for 2 or 3 years -

Oct 25th 1893

J. C. Reiff Esq.
Messrs Wrechinhoffer and Co.
52 Exchange Place
New York.

Friend Reiff

You may sell for me ten thousand Lehigh Valley 4½% of New York Registered Bonds at ninety five or better.

I have these bonds here at Orange and can deliver them at any time you wish.

Yours truly

Thos A Edison

Letterbook, LB-054

This letterbook covers the period October-December 1891. Most of the letters are by Alfred O. Tate and Thomas Maguire. There is also correspondence by Edison. Many of the letters relate to the manufacture and marketing of phonographs and cylinder recordings. There is considerable discussion of the packaging of cylinders. Other letters deal with the development of wire-insulating compounds for the Edison General Electric Co. and the ordering of a motor from that company. Included also are financial statements for the Edison Manufacturing Co. and numerous letters, many addressed to the firm of Dyer & Seely, regarding domestic and foreign patents. In addition, there are letters concerning mining and ore milling, electric traction systems, and the testing of storage batteries at the West Orange laboratory. Appearing on pages 578 and 663 is a list of Edison's inventions for 1891. The spine is labeled "General" and "From Oct. 31, 1891. To Dec. 31, 1891." The book contains 695 pages and an index. Approximately 20 percent of the book has been filmed. Related documents for this time period can be found in LB-051 and LB-053.

B.

October 22nd, 1891.

W. H. Brearley, Esq.,
"THE DETROIT JOURNAL,"
Detroit, MICH.

Dear Sir:-

Your letter of 9th instant in regard to the phonograph was duly received by Mr. Edison. What you suggest is already an accomplished fact. The latest style of phonograph has an attachment for use in connection with a mailing cylinder. This cylinder is 1" in diameter, 3 1/2" long, and will hold about 400 words. It was specially devised for use in correspondence.

Yours very truly,

Private Secretary.

October 22, 1891.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison has received your letter of 16th instant, in regard to applying for patents in England, France and Germany on his railway system employing low tension currents, with connections leading to each rail, the rails being connected by a metal plate, with a conducting amalgam between the plate and rail ends, and he has instructed me to return to you the enclosed powers of attorney for France and Germany, which accompanied your letter and which he has executed.

In reply to your question as to whether in instructing you to file applications abroad on this invention Mr. Edison intended you to do so at once or to wait until the U. S. Patent was ready to issue, Mr. Edison says that he thought there was a new German law, and also an understanding between this country and France, whereby applications could be filed in those countries at once without affecting the U. S. Patent. Mr. Edison does not want to limit the U. S. Patent or hurt it in any way.

Yours truly,

Private Sec'y

October 22, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

With reference to your letter of 17th instant to Mr. Edison, asking if our method of labelling musical records is patentable, and if so whether he considered it worth while taking out a patent, I beg to inform you that Mr. Edison has returned your communication marked "no." It is not quite plain which of the two questions embodied in your inquiry Mr. Edison intended this reply for, or whether he meant to cover them both, but it is perhaps sufficiently comprehensive for your purpose.

Yours truly,

October 22, 91.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Mr. Edison does not wish the Wax Factory at Silver Lake opened until our stock of cylinders has been reduced to a month's supply. The foregoing is in answer to your letter on the same subject, dated 17th instant, addressed to Mr. Edison.

Yours truly,

Thomas A. Edison

Oct. 22, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

In reply to your letter of 17th instant with relation to the attachment for adjusting the phonograph devised by Walter Miller and applied to a nickel-in-the-slot machine in the Laboratory, Mr. Edison repeats his suggestion to the effect that one of these attachments should be presented with every 100 cylinders purchased from us. We could then, Mr. Edison says, set a price upon the apparatus and supply duplicates of it to such Companies as might call for them.

Yours truly,

Thomas A. Edison

October 22, 1891.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I return herewith letter from the Gen'l. Manager of the Contracting Dep't., Edison Gen'l. Electric Co., together with copy of letter from Mr. H. A. Everett, of Toronto, asking for information in regard to Mr. Edison's new electric railway system, both of which accompanied your favor of 17th instant, upon which Mr. Edison has made the following pencil note:

"All right! Will hereafter refer to Edison
Gen'l. Co. You know enough to reply to
Everett."

Yours truly,

Thomas Mylne

Oct. 22, 1891.

James Brown, Esq., Sup't.,

The Direct U. S. Cable Co., Limited,

No. 40 Broadway, New York City.

Dear Sir:-

Your esteemed favor of 16th instant, enclosing message from Col. Gouraud, was duly received, but the reply to same was delayed owing to the absence of Mr. Edison.

Mr. Edison will be obliged if you will kindly send the following reply to Col. Gouraud:-

"Will ship immediately talking doll for use at Conrad Cook's lecture; if possible will send two. EDISON."

Yours truly,

Private Secretary.

Oct. 23, 1891.

Mr. C. A. Johnson,

P. O. Box 256, Birmingham, Ala.

Dear Sir:-

Your letter of 15th instant in regard to Mr. Edison's Ore Milling process, was duly received. In reply I beg to inform you that the Company which controls Mr. Edison's Magnetic Ore Separators manufactures them for its own use only. The machines are, of course, only applicable to magnetic ores. Mineral properties are leased or purchased and worked by the Company itself. The Peekskill plant to which you refer will be in operation, it is expected, in about two years' time; the Company is about to commence the construction of a railroad there. Thanking you for your letter

I am, yours very truly,

A. Page

Private Secretary.

M.

Oct. 23, 1891.

A. O. Tate, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Referring again to the complaints which have been received from several Phonograph Companies in regard to our method of packing musical records, I beg to inform you that I have discussed the matter with Walter Miller and the information obtained from him on the subject is embodied in the following:

It seems that Mr. Edison's object in packing the cylinders in pasteboard boxes, and discarding the cotton batting which is used by the North American and other Phonograph Companies, was that by so doing he would avoid injuring the surface of the record. When cylinders are wrapped in cotton batting it appears that the cotton sticks to them, thereby injuring the surface of the record and causing the reproduction to be scratchy. Walter informs me, however, that when at Montreal recently he discovered, in connection with the musical records sent there for exhibition, that a large accumulation of dust, from the excelsior which we use, becomes deposited on the surface of the cylinder, and that the damage done the record thereby is much greater than that inflicted by the cotton batting. Walter also believes that the liability of breakage is greater in our system than in the other. Another argument

A. O. Tate, Esq. -2- Oct. 26, 1891.

in favor of the cotton batting is that it would be much cheaper.

We received a few days ago one thousand of the pasteboard boxes, and whether or not you decide to change our method of packing I think it is desirable for us to use these up, for by so doing we will be afforded an opportunity of subjecting them to another test, which should enable us to decide as to their suitability for our purpose. I will make careful note of any complaints in this connection that may be received in the future.

Yours truly,

Thomas McFarland

Oct. 24, 91.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to inform you that Mr. Dickson obtained this morning from Mrs. Edison the following medals etc. belonging to Mr. Edison, of which he will proceed at once to make photographs:

1 Gold Medal, French International Exposition, 1878.
1 Bronze " " " " , 1889.
1 Gold Medal, Italian Society of Science.
1 Gold Medal, Souvenir of Eiffel Tower, presented by Eiffel to Mr. Edison.
1 Enameled Cigar Case presented to Mr. Edison by the Czar of Russia.
2 Gold Medals, in case, Italian order conferred upon Mr. Edison.
Insignia of the order Legion D'honneur - Commander.
" " " " - Officer.
Letter of King of Italy to Mr. Edison, with translation.

The following were delivered to Mr. Dickson by the writer:

1 Silver Medal presented to Mr. Edison by the Municipal authorities of the City of Como, the birthplace of Volta.
Letter from the Municipal Authorities of the City of Como, with translation.
Certificate of Membership on the Committee of the International Electrical Exhibition, 1891, Frankfort-on-the Main.
Certificate of Membership in Royal Academy of Sciences in Stockholm.

There are also Certificates of Mr. Edison's Honorary Membership in N. Y. Chamber of Commerce, N. Y. Telegraph Club, and membership in Am. Society of Mechanical Engineers etc., which I assume you do not want Mr. Dickson to photograph.

Yours truly,

Oct. 26, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Your letter of 21st instant, in regard to a suitable compound which is needed for use on your grade No. 1 wire, was forwarded to Mr. Edison at Ogdensburgh, and I now beg to advise you that he has returned the same to the Laboratory with instructions to turn it over to our Mr. Aylesworth, which has been done. Mr. Aylesworth believes that a non-inflammable compound can be furnished that will answer your purpose, and he will consult Mr. Edison about it at the earliest possible moment.

Yours very truly,

Private Secretary.

Oct. 26, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

I return herewith file of correspondence in regard to the Rock Drill patented by Mr. C. W. Stickney, together with copy of U. S. Patent No. 270,613, the same having been forwarded by you to Mr. Edison at Ogdensburgh with your letter of 21st instant. In reply Mr. Edison has made a pencil note on your letter as follows: "I do not believe in this. Edison!"

Yours truly,

Private Secretary.

October 26. 1891.

J. E. D. Scott, Esq.,

No. 53 William Street,

New York City.

Dear Sir:-

Your letter of 20th instant, enclosing note of introduction from Grosvenor P. Lowrey, Esq., was duly received and forwarded to Mr. Edison, who is at present absent from home. I have received instructions from him by mail to inform you that he is thinking of spending the winter in Florida and is not therefore desirous of renting his Ft. Myers cottage.

Yours truly,

Private Secretary.

Oct. 27, 1891.

Thomas A. Edison, Esq.,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I enclose herewith another letter which was received this morning from Mr. Eugene H. Lewis, in regard to an interview which he and Mr. D'Infreville desire to have with you re the Welch case. You will note that the case is expected to come on for trial the first week in November, and that Mr. Lewis deems it essential for the consultation to take place at once.

In accordance with your instructions, a letter has been mailed to W. S. Mallory to-day, advising him of Mr. Swarts' dismissal.

Yours very truly,

A. Fox
Jr.

Oct. 27, 1891.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Illinois.

Dear Sir:-

Mr. Edison has instructed me to inform you of the fact that Mr. Swarts has been discharged from the New Jersey and Pennsylvania Concentrating Works for intemperance and total incompetency.

Yours very truly,

Private Secretary.

Oct. 28, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I return herewith letter from the Assistant Manager of the Schenectady Works in regard to the two h. p. fan motor which is wanted by Walter Miller at Silver Lake.

Walter says that if the Schenectady Works could send him a regular standard No. 1 machine, which is a motor of about 3 h.p., wound so as to give 1400 revolutions per minute, it would answer his purpose, and he would like, if at all possible, to be supplied with one of these immediately.

Yours truly,

Thomas Commerford Martin

B.

October 29th, 1891.

Rufus Mead, Esq.,

#242 Main Street,

Orange, N. J.

Dear Sir:-

Please advise me if the Watsing Avenue Deed, which I sent to you recently, has been accepted by the Township Committee.

Much oblige,

Yours truly,

Private Secretary.

Oct. 29, 1891.

A. G. Mate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to advise you that the box of musical records from Washington was received at the laboratory to-day, and the same has been turned over to Walter Miller. The cylinders were all in first class condition.

Yours truly,

E. Thomas Gilliland

Oct. 29, 1892.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I have your letter of 26th instant in regard to the packing of musical records, and Walter Miller will carry out your suggestion relative to packing some of the cylinders in cotton batting. Walter proposes to pack in the manner named half of each shipment of 50 or more records that we may make during the next month or so, and to send the other half in the pasteboard boxes that we are now using. I can then ask the Companies to which the shipments are made to inform us how the cylinders were rec'd., and which of them were in the best condition. This should enable us to determine which of the two methods of packing is the best for our purpose.

Yours truly,

Sa.

October 29th, 1891.

Thomas B. Connery, Esq.,

Llewellyn Park, N. J.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed copy of a letter received by him from Mr. John Kruesi, with relation to the four young men from South Amerika, whom your friend Mr. F. Paredes desired admitted to the Schenectady Works. Mr. Edison regrets that it is impracticable to gratify Mr. Paredes's wishes with respect to these young men owing to the present crowded condition of the Works. He suggests that application be made to the Thomson-Houston people; or that would be as good, have the young men take the electrical course at Cornell University.

Yours very truly,

Private Secretary

e b r Y.

B.

Schenectady, N. Y., Oct. 27th, 98.

My dear Mr. Edison:-

I have your letter of the 12th instant, and in reply would say that unless you are particularly anxious that we should comply with the request of Mr. Connery, I must decline to take three or four of these young men. We have already over fifty here now, which is really more than we have room for. I will, however, place all or any of them, if you so desire.

I return you Mr. Connery's letter of the 12th, herewith.

Yours truly,

(Signed) John Kruesi,

General Manager.

[illegible]

Samuel Insull, Esqe. 2nd Vice-President,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

Referring to the correspondence with the Second [illegible] Railroad Company of New York, and to your letter of 24th [illegible] on the subject, Mr. Wilson says you had better advise the [illegible] Railroad people that as soon as possible he will visit [illegible] and confer with them relative to testing [illegible] and equipment system on their lines. Mr. Wilson [illegible] courtesy that it will be necessary for him to obtain data from these people before he can determine whether it is practicable and convenient to make the first experiment on their road.

Yours very truly,

Wm. Tate

Private Secy.

M.

Oct. 30, 1891.

Col. Geo. E. Gouraud,

Edison House, Northumberland Ave.,

London, W. C., England.

Dear Sir:-

I beg to confirm the following cablegram which was sent to you 22nd instant by Mr. Edison, via The Direct U. S. Cable Co., Limited:-

"Will ship immediately talking doll for use at Conrad Cook's lecture; if possible will send two. EDISON."

Two dolls go forward by to-morrow's steamer.

Yours very truly,

Private Secretary.

Oct. 30, 1891.

Edison General Electric Co.,
Lamp Manufacturing Dep't.,
Harrison, N. J.

Dear Sirs:-

With reference to the enclosed order for lamp bulbs, when sending these to the Laboratory please pack them carefully. There were 50 bulbs broken in the last barrel that you sent to us, the result of careless packing. The barrel contained 150 bulbs, so you will see that the breakage was quite excessive. The broken bulbs are, of course, useless to us, and we will be obliged if you will make it your business to see that those for which we now send you order are packed carefully and in a proper manner. Should they come to hand in a condition similar to the last shipment, we will return them to you.

Yours very truly,

THE EDISON LABORATORY

By [illegible]

Oct. 31, 1891.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

I beg to acknowledge the receipt of your letter of 30th instant, enclosing assignment to Thomas A. Edison from W. K. L. Dickson of his invention on improvement in the art of photography covered by application #438340.

Yours very truly,

Private Secretary.

Oct. 31, 1891.

Mrs. Homer Page,

M i l a n , , Erie Co.,

Ohio.

Dear Madame,-

I beg to inform you that there will be shipped to your address to-day, by express, in accordance with instructions received from Mr. Edison, one Foot-Treadle Phonograph and 50 Musical Records. Mr. Edison will also send an Expert to Milan, who will explain to you the operation of the phonograph, and it is Mr. Edison's desire that you do not unpack the machine until the arrival of the Expert, who will call upon you the latter part of next week.

Yours very truly,

Private Secretary.

Oct. 31, 1891.

Edison General Electric Co.,
Eastern District, Edison Bldg., Broad St.,
New York City.

Dear Sirs:-

Referring to the enclosed order for a #1 Standard Motor, please put this requisition through with all possible haste. We are in a hurry for the machine, and wish to be put in possession of it at the earliest possible moment. Anything that you can do to expedite its shipment from the Schenectady Works would be appreciated by

Yours truly,

THE EDISON LABORATORY

Oct. 31, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Dickson has now finished the negatives of the medals, decorations etc. belonging to Mr. Edison, and, if he has not already done so, he will send you photographs of them very shortly. Such of the negatives as I had the pleasure of inspecting are excellent, both from an artistic and picturesque point of view, the minutest details being brought out clearly, and I am sure you will be very much pleased with them.

Yours very truly,

Thomas A. Edison

Oct. 31, 1891.

Mr. Thomas Egleston,

School of Mines, Columbia College,

New York City.

Dear Sir:-

Replying to your letter of 20th instant, I regret to say that Mr. Edison is not ready yet to furnish information in regard to his process for the treatment of copper ores.

Yours very truly,

Private Secretary.

Oct. 31, 1891.

Thomas A. Edison, Esq.,

N. J. & Penn's. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I enclose herewith copy of Duplicate Musical Record Report for the week ending October 31st, 1891; also copies of Manufacturing Company's weekly Financial Reports for week ending October 29th, 1891.

I also enclose herewith a letter received to-day from Mr. P. B. Delany, together with newspaper clippings.

Yours very truly,

A. T. Ka[illegible]

C O P Y.

B.

EDISON MANUFACTURING COMPANY,

O R A N G E , N. J.

FINANCIAL REPORT FOR WEEK ENDING OCTOBER 29TH, 1891.

B A T T E R Y D E P A R T M E N T.

1.

SALES FOR WEEK----------892.05

2.

ORDERS ON HAND----------129.17

3.

ACCOUNTS PAYABLE----------4961.96

Less paid during week 687.56

Net sum due 4294.40

4.

ACCOUNTS RECEIVABLE----------10937.08

Less received during week 892.57

Net sum due-------- 10044.51

5.

PAY ROLL FOR WEEK----------219.94

COPY.

B.

EDISON MANUFACTURING COMPANY,

ORANGE, N. J.

FINANCIAL REPORT FOR WEEK ENDING OCTOBER 29th, 1891.

WAX DEPARTMENT.

1.

WAX SALES FOR WEEK----------NONE

2.

ACCOUNTS RECEIVABLE----------549.90

3.

PAY ROLL FOR WEEK----------3.92

Cable Address "Edison, New York."

131 1/2

Copy

From the Laboratory
of
Thomas A. Edison.

Orange, N.J. Nov. 2. 91

Prof. J. P. Barrett
Electrician in Chief
World's Columbian Exhibition
Chicago Ill

RECEIVED
NOV 4 - 1891
Ans'd _____ 18

Dear Sir. -

I have been informed by Mr William J. Hammer that the Commissioners of the World's Fair have under consideration the advisability of sending a special commissioner abroad representing the Electrical interests of the World's Fair to the Commercial interests & the scientific bodies in the different parts of Europe. Mr Hammer has also informed me that his name has been mentioned in this connection, & has requested me to give you my opinion upon the advisability of the sending of such a commissioner abroad & my opinion upon his qualifications to act in this capacity

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

2/

From my knowledge of electrical matters & experience with electrical men abroad it seems to me to be highly important that a special effort be made to interest the foreign electricians in the coming World's Fair & it is my belief that if this is not done by the appointment of a special commissioner, the electrical interests of the World's Fair, which are of such manifest importance, will be but poorly represented outside of our own country.

I consider Mr Hammer peculiarly qualified to act in this capacity. He has carried out some of the largest electrical installations in this country & in Europe, & has been identified with various international Exhibitions, & while for many years connected with the Edison Electric Lighting interests of this country &

Cable Address "Edison, Newark."

From the Laboratory
of
Thomas A. Edison.

Subject _____ Orange, N.J. _____

3) Europe, he has been for the last two years acting in an entirely independent capacity as a Consulting & Supervising Electrical Engineer. This residence of four years abroad brought him in contact with many of the most prominent Electricians & the work which he has done this connection with various electrical societies in this country & Europe should give him an excellent standing abroad. He was my representative at the Paris Exposition of 1889, which work he carried out with great success, having resided over a year in France & a year & a half in Germany, he has required considerable knowledge of those languages, which should be of service to him.

Thomas A. Edison
per W. J. H.

Nov. 5, 1891.

Chas. D. Shain, Esq., District Manager,

Edison Gen'l. Electric Co., Eastern District,

New York City.

Dear Sir:-

Replying to your letter of 2nd instant, in regard to our order #8413 calling for a No. 1 Standard Edison Motor, we desire to have this motor wound for 110 volts, and will also require a rheostat and base frame.

Yours truly,

THE EDISON LABORATORY.

By Chas. Maguire

Nov. 5, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Elec. Co.,

Harrison, N. J.

Dear Sir:-

Mr. Edison is much obliged for your letter of 31st ultimo, enclosing copy of a letter from Mr. Clark, relative to certain tests which were conducted by him at the Laboratory, and in connection with which he felt the want of a storage battery.

Mr. Edison is in favor of having a storage battery at the Laboratory, and he says that there should be one installed here.

Yours very truly,

A. Tate

Private Secretary.

M.

Nov. 5, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Referring to your letter of 3rd instant, I beg to inform you that Mr. Dickson is sending to you by to-night's mail mounted photographs of Mr. Edison's models, decorations etc., etc. Mr. Dickson wishes you to return to him the proofs which he handed to you personally.

Yours very truly,

P. S. Mr. Dickson says that you have the other view of the large grouping of models, unmounted, and if you will return it Mr. D. will place it on card board. The negatives are at your disposal.

Nov. 6, 1891.

TO WHOM IT MAY CONCERN,-

This is to certify that the bearer, GEORGE H. ALLEN, was employed in this Laboratory about two and a half years. During this period he acted in various capacities, in each of which he performed his duties to our entire satisfaction. He worked as Fireman for us about 18 months; we consider him entirely competent to fill such a position, and cheerfully recommend him to any one in need of his services.

THE EDISON LABORATORY

By. [signature]

Re

Nov. 5th, 1891.

Geo. H. Hess, Esq.,
#63 & 65 West Washington St.,
Chicago, ILLS.

Dear Sir:-

With reference to your letter of 28th of October addressed to Mr. Edison, with relation to the Crystal Water Palace which it is proposed to erect at Chicago in connection with the Columbian Exposition to be held in that City, Mr. Edison regrets that he cannot entertain your proposition, relative to his becoming interested in the project. Mr. Edison's own exhibit at the World's Fair will call for all of his attention and it would be quite impracticable for him to devote any of his time to other matters connected therewith.

In regard to renting space for exhibition purposes in the proposed building, and also with reference to furnishing the apparatus and appliances necessary for the electrical displays referred to, in your letter, you might communicate with the home office of the Edison Gen'l. Elec. Co., Edison Building, Broad St., New York City. which Company will have charge of all the details of the Edison Exhibit.

Yours very truly,

A. Tate

Private Secretary

Nov. 5, 1891.

Prof. Wm. D. Marks,

No. 909 Sansom Street,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison has read your letter of 28th ultimo, in which you submit to him for his consideration the design of a wrought iron water tube boiler, the outgrowth of your own experience with the forms now extant.

In reply he has instructed me to inform you that the Edison people in New York are infatuated with the Moran Boiler, and anything that he might say to them on the subject of boilers would not have any effect.

All the letters which you send to Mr. Edison with relation to electric lighting in Philadelphia he sends to Messrs. Drexel, Morgan & Co., with the view of inducing them to take hold of the matter.

Yours truly,

A. O. Tate

Private Secy.

Nov. 5, 1891.

Prof. Wm. D. Marks,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison has read your letter of 27th ultimo, in regard to the employment of his motor system on the proposed North Eastern Elevated Railway in your city. In reply, Mr. Edison says that he will shortly be able to show you something good in connection with his new electric railway system. I would also inform you that the system in question was devised specially for the Edison General Electric Company, and any arrangement looking towards its employment would require to be made with them.

Yours very truly,

A. O. Tate

Private Secretary.

Nov. 3, 1888

KATE FIELD'S WASHINGTON,

Washington, D. C.

Dear Miss Field,-

Reply to your letter of 24th ultimo, in which you ask Mr. Edison to send you a sentiment for your Thanksgiving number, has been delayed owing to the necessity of my having to forward it to Mr. Edison, who is at present absent from home.

He has now returned your communication with the following reply written thereon:

"I know not what others are thankful for, but as for myself I am thankful that Christopher Columbus discovered America, otherwise I might be hoeing turnips in Brittany. EDISON."

Yours very truly,

A. O. Tate

Private Secy.

Nov. 7, 1891.

Prof. R. H. Thurston,

Sibley College, Cornell University,

I t h a c a , N. Y.

My dear Sir:-

Reply to your letter of 25th ultimo has been delayed owing to the necessity of my having to forward it to Mr. Edison, who is now at his iron mine in Ogden, N. J., where he expects to remain for some time yet.

Mr. Edison has instructed me to say in answer to your communication that he regrets exceedingly he is again compelled to decline your kind invitation, so courteously extended to himself and Mrs. Edison, to visit Cornell. At the present time Mr. Edison is busily engaged, night and day, and can scarcely find time to eat or sleep. He is trying very hard to dispose of some of the more pressing work, and until that is accomplished he will not permit himself to give a thought to recreation. He appreciates very highly your invitation and regrets his inability to accept it at this time.

In regard to a lecturer to talk to your students on the Edison series of inventions, Mr. Edison suggests Mr. A. E. Kennelly of the Laboratory, who is also the Consulting Electrician of the

Mr. R. H. Thurston -2- Nov. 7, 1891.

Edison Gen'l. Electric Company, and, as Mr. Edison says, one of the very few who really understand high physics.

Yours very truly,

A. Tate

Private Secretary.

M.

Nov. 7, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,
Edison General Electric Company,
New York City.

Dear Sir:-

Pursuant to instructions received from Mr. Edison I forward to you the enclosed copy of correspondence exchanged between this office and W. H. Merrill, Esq., Editor of THE WORLD. Mr. Merrill's son is very anxious to obtain a position in the Edison business, and Mr. Edison says that it might be to our advantage to employ the young man.

Yours truly,

Private Secretary.

THE WORLD

COPY.
3.

New York City, October 17th, 1891.

Dear Mr. Edison:-

You may remember me as the member of the World's Staff who accompanied you to luncheon on the occasion of laying the corner stone of the Pulitzer building, and who suggested the idea of depositing phonographic cylinders in the corner stone. -- I hesitate in introducing a personal matter on so busy a man, but am encouraged to do so by the reflection that both you and I have "worked our way up"-you to the head of applied electrical science, and I to the editorial charge of the greatest newspaper in the world (or I think.)

You can appreciate, therefore, my interest in my boy, concerning whom I venture to ask a word of advice. He is 23 years old; took a 6 years course in electrical engineering at the Boston Institute of Technology; went immediately (two years ago) into the service of the Boston Board of Fire Underwriters, and has risen to be second in the branch of Electrical Expert Examiner. He knows (at least superficially) every piece of electrical machinery in Boston, is both a good penman and an excellent writer (was editor of the Technology for two years- - is a young man of good health and exemplary habits-bright, quick, industrious.

He is getting $100 per month; there is nothing much better in the future in such a position.

Can you use such a boy to better advantage? Is there a future for a young electrician who has not (so far) the inventive talent?

With great respect,
Yours very truly,
(SIGNED) W. H. MERRILL,
Editor WORLD.

C O P Y.

B.

Orange, N. J., October 24th, 91.

W. H. Merrill, Esq., EDITOR,

THE WORLD,

New York City.

Dear Sir:-

Reply to your letter of 17th instant addressed to Mr. Edison, with relation to your son, has been delayed owing to the necessity of my having to forward it to Mr. Edison, who is at present absent from home.

Mr. Edison has now returned your communication with instructions to say to you that in his opinion there is a great future in electrical engineering; that if you desire it he will try and place your son in some department of the Edison business, where, if the young man has sand, he would come out well.

Yours very truly,

(SIGNED) A. O. TATE,

PRIVATE SECRETARY.

COPY.

B.

THE WORLD

New York City, October 28th, 1891.

Dear Mr. Edison:-

I thank you very much for your favorable response to my letter of inquiry concerning my son. I believe the young man has "sand." The Boston Board of Underwriters thinks so, I judge, for they have this week complimented him on his work and advanced his pay to $1,500. He started at $1,000 2½ years ago. But in a letter just received from him he is excited with delight at the prospect of being placed in one of the Edison Companies. He feels sure that he could make his way, and asks me to mention as references anyone connected with the Boston Board of Underwriters, or the Edison Company of Boston. He thinks that Mr. W. J. Jones of your office in this city would remember a long conversation had with him when my son was on here lately as a representative of the Boston Board to the conference on uniform regulations for wiring etc. But what I want to ask especially is if you will see the young man himself for a few minutes, if I wire him to come up; and if so when and where he might call upon you?

With much gratitude,

Yours very truly,

(Signed) W. H. MERRILL.

Nov. 9, 1891.

A. O. Kate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

In regard to the insulating compound experiments which are being conducted at this Laboratory, I beg to advise you that pursuant to instructions received from Mr. Edison, Mr. Aylesworth starts to-day for Schenectady with some samples of a compound which he believes is suitable for use in connection with your No. 1 grade wire. The samples will be submitted to Mr. Kreusi, and when Mr. Aylesworth returns from Schenectady I will write you again.

Yours truly,

[signature]

November 9, 1892.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

RE DUNDERBERG TRACT. In compliance with the request contained in your letter of 31st ultimo I enclose herewith the Deeds of this property, viz.,-

(1) Andrew June and Emeline, his wife, to Thomas Nelson, dated 11th day of May, 1885.

(2) Thomas Nelson and Cornelia L., his wife, to Thomas A. Edison, dated 29th of April, 1890.

Please acknowledge the receipt of these documents, and return the same when you are finished with them.

Yours very truly,

[illegible]

November 19, 1891.

Messrs. Dyer & Seely,

No. 33 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 4th instant in regard to three applications (Nos. 733, 734 and 866) on certain improvements in phonographs which were covered by Mr. Edison's lapsed English patent No. 1644 of 1878, and which applications were filed for the reason, as stated in your letter, that there were some hopes the Courts would decide that an expired foreign patent would not limit the life of a subsequent United States patent, I beg to advise you that Mr. Edison, to whom your letter was forwarded, has now returned it with the following answer to your question as to whether it is worth while to take out the patents in view of the short time they would have to run:-

> "May not the Supreme Court some day reverse all this? Use your own judgment. Of course I don't want the patents for one year only, but if they can be held in office until Supreme Court decides the case they have before them, perhaps it might be worth while. Edison."

I return herewith the papers which accompanied your letter now under reply.

Yours very truly,

Pres. & Sec'y.

Nov. 10, 1891.

C. H. Farnsworth, Esq., Sup't.,

The Albert Lea Electric Light & Power Works,

Albert Lea, Minn.

Dear Sir:-

Your letter of 26th ultimo has been received in the absence of Mr. Edison.

There is already an automatic regulator for use in connection with Edison dynamos. We would not recommend its adoption, however, because experience has shown that reliance placed upon such machinery is apt to prove disastrous in cases where by inattention it is allowed to get out of order. We think it better policy to keep the pressure within the requisite limits by watchfulness on the part of the responsible attendant.

Yours very truly,

Private Secretary.

November 11, 1891.

The Orange Chronicle,

O r a n g e , N. J.

Dear Sirs:-

We return herewith proof of Musical Record Catalogue. Please arrange the Band records, Vocal etc. so that each kind will be together. For example, the 1st Reg't. Band list on page 5 should follow or precede the list of 5th Reg't. Band on page 3, and this in turn should be followed by U. S. Marine Band and Parlor Orchestra. The Vocal and other records should also be arranged in a similar manner. With these changes the proof will be O. K.

Yours truly,

THE EDISON LABORATORY

By Thomas A. Edison

Nov. 11, 1891.

G. H. Warren, Esq.,

No. 27 South Fourth Street,

Minneapolis, Minn.

Dear Sir:-

With reference to your letter of 2nd instant in regard to Mr. Edison's process for the treatment of magnetic iron ore, Mr. Edison regrets that he is not yet ready to quote figures as to cost of plant etc. He has just completed the erection of a very large plant at Ogden, N. J., having a capacity of three thousand tons per day, and at a cost of $720,000. The results at Ogden will settle the question of commercial concentration of ores carrying less than 25% units of iron. One mill is already in operation, and the other will start in about three weeks. After the mills have been running for some time Mr. Edison will be in a position to give you the information that you desire.

Yours truly,

Private Sec'y.

November 10, 1891.

F. U. Gorton, Esq.,
The Chicago Edison Company,
Chicago, Illinois.

My dear Gorton,-

Your letter of 2nd instant has been received. You do not grasp the meaning. It is not our intention to build a station at the points referred to, but we are making a determination for the future, so that what we do put in will match with the extended system ten years from now. I had supposed I had made my meaning clear before. I don't want real estate now, but only desire to know the possibilities of getting it. Please do what I asked in my telegram so I can go ahead, and when I am done you will see that my forethought is as long that it sags in the middle.

Yours very truly,

Thos. A. Edison

Nov. 12, 1891.

S. B. Eaton, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

With reference to the attached letter from Messrs. Dyer & Seely, which accompanied your favor of 9th instant, Mr. Edison would like to see drawings of the inventions covered by the patents referred to before deciding to pay the taxes thereon.

Mr. Edison says that this whole subject of foreign patents should certainly be discussed, as he can not go on for ever paying for patents and never getting anything back.

Yours truly,

Private Secretary.

Nov. 13, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Your letter of 10th instant enclosing communication addressed to Mr. Edison by Mr. W. J. Jenks, in regard to a snap switch that was made a long time ago by Mr. John Ott, was duly received and I now beg to report to you on the matter as follows:

Mr. Ott says that he made the snap switch in question some time during the year 1881, when he was at #65 Fifth Avenue, New York, in the Engineering Dep't.; that one of them was placed in Major Eaton's office at #65, and another one under the floor in the parlor or front room of the same building; that Mr. Edison, Major Eaton, Mr. Bergmann, Martin Force and Mr. Harrington all knew of the switch and were familiar with its operation, if not its construction, and will doubtless remember it. We have had a search made in the laboratory for a model, but unfortunately have been unable to find one; neither have we been able to find a drawing. The attached rough sketch, which was drawn by Mr. Ott, will give you some idea as to the construction of the switch.

I return herewith the letter of Mr. Jenks.

Yours truly,

Thomas A. Edison

Nov. 16, 1891.

Alexander Elliott, Jr., Esq.,

First National Bank Building,

Paterson, N. J.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed letter from Mr. Z. D. Casterline, in regard to a mining property situated about two miles north of Alburtus, Pa., at Gardner Station. As you will see from Mr. Edison's note upon the said letter, he desires you to go at once and secure this property.

Yours truly,

Private Secretary.

Nov. 17, 189[illegible]

[illegible] General Electric Company, Eastern District,

Edison Building, Broad Street, New York City.

[illegible]

[illegible] cancel our order No. 8413, of Oct. [illegible]

[illegible] regular #1 Standard Motor wound for a speed

[illegible] and substitute therefor the enclosed order No.8477,

[illegible] Standard No. 1 Dynamo, with rheostat.

Yours truly,

THE EDISON LABORATORY.

by [illegible]

B.

Nov. 18th, 91.

Geo. Parsons Lathrop, Esq.,

#43 Federal Street,

New London, CONN.

Dear Sir:-

Referring to your letter of 9th instant, Mr. Edison is still at Ogden and he is unable to name a date when he can confer with you. He expects to be detained at the mine several weeks longer.

Yours very truly,

Private Secretary.

Nov. 19, 1891.

Major S. B. Eaton,

Edison Building, Broad Street,

New York City.

Dear Sir:-

With reference to your letter of 14th instant, in regard to the notification received from the Paris Edison Company to the effect that they will no longer pay annuities on certain foreign patents, Mr. Edison says that if the Paris Edison Company propose to allow patents to lapse they should reassign the patents to him, and he wishes you to insist upon their doing this. By permitting the patents to lapse they depreciate property covered by Founders' Shares, and the European Edison Company have a right to complain.

I return herewith the letter of Messrs. Dyer & Seely on this subject which accompanied your letter under reply.

Yours truly,

Private Secretary.

Nov. 20, 1891.

W. E. Gilmore, Esq., Assistant Manager,

Schenectady Works, Edison Gen'l. Elec. Co.,

Schenectady, N. Y.

Dear Sir:-

Your letter of 19th instant in regard to non-inflammable compound has been received and contents of same noted. In compliance with your request, we will have made up and forwarded to you at the earliest possible moment fifty pounds of the material in question. We are being delayed in the matter owing to the difficulty of obtaining the apparatus necessary to proceed with the manufacture of the compound. We expect, however, to be able to make shipment of the desired quantity in about a week or ten days, which we trust will be satisfactory.

Please hurry forward the samples of braided wire, order for which you have, and very much oblige

Yours truly,

THE EDISON LABORATORY

By Geo. E. Wm. Miller

Nov. 20, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Referring again to the insulation experiments which are being conducted at the Laboratory, Mr. Aylesworth took with him to Schenectady a few days ago some samples of a non-inflammable compound, which, in the absence of Mr. Kreusi, he submitted to the Superintendent of the Insulation Department there, who was very favorably impressed with them. I enclose herewith press copy of a letter on this subject which was received to-day from the Ass't. Manager of the Schenectady Works. The quantity of non-inflammable compound which he asks us to send to the Works will be made up and forwarded as soon as possible. We are being delayed in its manufacture owing to the difficulty of obtaining the necessary apparatus. Mr. Aylesworth hopes to be able to ship the material in about a week or ten days and is doing all he can to expedite the matter.

Yours truly,

Thomas Maguire

Nov. 20, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to refer to you the enclosed letter which was received at the Laboratory this morning from Frank Curtiss, Esq., President of The Sixth Avenue Railroad Company, New York City. You will notice that Mr. Curtiss has a letter of introduction to Mr. Edison and is anxious to see the latter's method of electric propulsion of cars, having in view its adoption on the Sixth Avenue road.

Yours truly,

Thomas A. Edison

Nov 21, 1891.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

Replying to your letter of 17th instant addressed to Mr. Edison, in regard to certain claims in his application 749 which have been rejected by the examiner, Mr. Edison has made a note on the said letter substantially as follows: "My claim is for a low resistance inoxidizable metal, and Weston says either silver or platinum - platinum is a very high resistance metal. I point out that platinum must not be used. Weston's brushes always make a copper contact, the silver is between. Don't appeal, but explain. Edison."

Yours truly,

Private Secretary.

B.

November 23, 1891.

P. F. Richardson, Esq.,

~~242~~ Yates Street,

Victoria, B. C.

Dear Sir:-

Your letter of 7th instant addressed to the Edison General Elec. Co., Schenectady, N. Y., has been forwarded to this office.

In reply I beg to inform you that Mr. Edison's Kinetograph, the invention to which you refer, is not yet perfected, many of the details of the apparatus being as yet incomplete. It will be some time before the instrument will be in a condition to place in the hands of the public. Mr. Edison expects to have it in operation at the Chicago World's Fair.

Yours very truly,

Private Secretary.

Nov. 23, 1891.

Simeon Mills, Esq., Vice-President,

The State Historical Society of Wisconsin,

Madison, Wis.

Dear Sir:-

With reference to your inquiry concerning electricity, addressed to Mr. Edison, I beg to inform you that at the present time no one really knows what electricity is. Mr. Edison, however, regards it as a condition of matter rather than matter itself.

Yours truly,

Private Secretary.

Nov. 24, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Re packing of musical records. In a letter received from the Ohio Phonograph Co., dated Nov. 20, 1891, they say:

"We have to suggest that your method of packing is not quite as satisfactory to us as that adopted by most of the local companies, namely, by putting the cotton batting around the cylinder and then inclosing in a small pasteboard box We seldom have any cylinders broken when packed in this manner."

In a letter received from the Georgia Phonograph Co., dated Nov. 20th, enclosing an order for 50 records, they say:

"We would prefer for you to pack this order in the round boxes in place of the square. There is less danger of breakage and a saving of expense to us."

Yours very truly,

Thomas A. Edison

Nov. 25, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I enclose herewith a copy of the letter under date 9th November, 1886, addressed by Mr. Edison to S. Flood Page, Esq., Secretary of The Edison & Swan United Electric Light Co., London, England, asked for in your communication of 24th instant.

Yours very truly,

Thomas A. Edison

COPY.

B.

November 9th, 1886.

S. Flood Page, Esq., Sec'y.,
The Edison & Swan United Electric Light Co.,
13 Albert Mansions, Victoria Street, Westminister,
London, S. C. ENGLAND.

Dear Sir:-

Referring to your favors with relation to my patent accounts, since my former correspondence with you, Mr. Insall and myself had the pleasure of an interview with Viscount Anson, one of your Directors, with relation to this matter. In your letter of the 11th June, you requested that I should supply you with the amount of the account which would have applied on the two patents, Nos.:, 052 and 2,436 of 1882. The work involved in dividing up my experimental expenses would be so heavy, that I think it hardly necessary to give you the detailed information as to these two particular patents. I find that the amount spent by me, since the signing of the agreement with your predecessors, the Edison Co., amounts to upwards of $75,000. If the account for patents was rendered in accordance with the agreement, your Company would have to pay double this amount if they took over the whole of the patents, or such part of it as is applicable to the various patents which they may decide to accept. You will therefore see that the suggestion made by me, that your Company should reimburse me simply for the actual amount of cash spent by me for patent fees and the preparing of the patents, is a very reasonable one for me to make. Lord Anson thoroughly understands my ideas in relation to this matter, and I would suggest that you have an interview with him on the subject. With relation to future patents, your Company has the right at the present time to acquire any patents that I may obtain, but the agreement does not provide for the taking out of these patents, inasmuch as I should myself be unwilling to incur the expense in the first case of having such work done. While I have every desire to assist your Company and to give them the benefit of any inventions that I may make, I must confess that I have no desire to invest a large amount of money in English patents, without any certainty of being able to obtain from your Company the reimbursement of such expenditure. I suggested to Lord Anson that it would be greatly for your interests, and certainly far more agreeable to me, that a supplemental contract should be entered into providing for dealing with this matter in the future. I proposed to him that your Company should engage a patent lawyer here acceptable to me, whose duty should be to prepare the patent papers, so far as it is possible to prepare them on this side of the Atlantic, and then to forward the same to your Company,

leaving it to you to decide for yourselves whether you desire to apply for the patents or not. The cost per application would be 10-10-0, provided that the same lawyer is engaged by you as the one employed by me to do my Amerd an work. If your Company is willing to reimburse me the amount I have already expended in the manner communicated to you in my previous letters, I shall be glad to enter into any agreement as outlined above.

Yours very truly,

Nov. 25, 1891.

W. E. Gilmore, Esq., Ass't. Manager,
Edison General Electric Company,
Schenectady, N. Y.

Dear Sir:-

We beg to advise you that we are sending to you to-day by mail, under separate cover, a small sample of wire treated with white compound. This compound is applied in a melted state to the wire and as soon as cold is ready for shipment. It requires no drying. If it is required to be softer than the sample it can be made so, and we think the whiteness can be increased when the stuff is properly mixed in a paint mill.

Yours truly,

THE EDISON LABORATORY
By

R.

November 27th, 1891.

S. G. Barn, Esq.,

P. O. Box 211,

Oxford Furnace, N. J.

Dear Sir.-

I beg to confirm the following telegram which was sent to you this afternoon:

"Mr. Edison wants to see you at Ogden immediately. A. C. TATE."

Yours very truly

Private Secretary.

Nov. 27, 1891.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 24th instant, enclosing letter from Mr. Joseph Thompson, of Atlantic City, N. J., dated 20th instant, attached to which is a communication from C. E. Brown, Electrician, in regard to ten cells of Ernst Storage Battery which were shipped to you care of the Laboratory.

These cells were received at the Laboratory this morning, and Mr. Kennelly has been advised of the fact. I have turned over to Mr. Kennelly the correspondence referred to above, and he will at once proceed to test the cells.

You sent to me with your letter of 13th instant some records of tests of the Ernst Storage Battery and requested me to keep the same until you called for them. Is it your wish that I should also give these records to Mr. Kennelly?

Yours truly,

Thomas A. Edison

Nov. 27, 1891.

W. S. Mallory, Esq.,
No. 7 West Randolph Street,
Chicago, Illinois.

My dear Mr. Mallory,-

With reference to your letter of 21st instant, Mr. Edison informs me he told your father that in his (Mr. Edison's) opinion you ought to have been at Ogden then. He says that had you been there during the last month you would have learned the art; that it is now rather late for you to come, as the difficulties are nearly all removed; still he advises your visiting Ogden and staying there six weeks. Mr. Edison and Mr. Batchelor are both now at the mine.

Yours very truly,

Private Secretary.

Nov. 27, 1891.

James [illegible], Esq., Supt.,
The Direct [illegible] S. Cable Co., Limited,
New York City.

Dear Sir:-

Mr. Edison is very much obliged for your favor of 20th instant, enclosing cable message from Mr. John Verity, of London, England. He will be further obliged if you will kindly send to Mr. Verity the following reply:

"Never heard of the lady. That all such things are humbug is my belief. Edison."

This reply has been delayed owing to the absence of Mr. Edison.

Yours very truly,

Private Secretary.

Nov. 27, 1891.

J. Jay Watson, Esq.,
No. 255 W. 43rd Street,
New York City.

Dear Sir:-

Reply to your letter of 17th instant has been delayed owing to the necessity of my having to forward it to Mr. Edison, who is at present absent from home. He has instructed me to inform you that he will be very pleased to have Mr. Alexander Bull and yourself visit his Laboratory at any time that you may find convenient. If you will notify me a day or so ahead of your visit I will have a phonograph in readiness, upon which Mr. Bull can record the tones of the celebrated Cremona Violin referred to in your letter.

Thanking you for your communication

I am, yours very truly,

Private Sec'y.

Dec. 1, 1891.

A. O. Tate, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Referring to the ten cells of Ernst Storage Battery which were sent to the Laboratory for test a few days ago, we have been unable to find in New York jars that would accommodate the piles of this battery, and Mr. Kennelly suggests that you request the parties toforward the jars also. The test cannot be proceeded with until the jars are received.

Yours very truly,

THE EDISON LABORATORY

By [illegible]

Dec. 1, 1891.

Major S. R. Eaton,

Edison Building, Broad St.,

New York.

Dear Sir:-

Re Chandler Mortgage. Mr. Edison has read your letter of 30th ultimo, notifying him that the property of the late Mrs. Chandler has been sold under mortgage foreclosure for $7,500. He notes that the claim of the Mutual Life Ins. Co. is $6,624.99, and the Sheriff's fees $94.50, a total of $6,719.49; that this leaves a surplus of $780.51, for which you are going to apply in Mr. Edison's interest. I enclose herewith the bond and mortgage for that purpose, agreeable to your request, the receipt of which kindly acknowledge.

Yours truly,

Private Secretary.

A.

.B.

November 30th, 1891.

Arthur Michaud, Esq.,

#18 James Street,

Lower Town, Quebec, CANADA.

Dear Sir:-

Reply to your letter of 14th instant has been delayed owing to the absence of Mr. Edison. Mr. Edison would be pleased to have you send to him at the Laboratory sample of the natural iron sand to which you refer. Upon receipt of the sample he will examine it and report to you further. Mr. Edison requested me to ask if the mineral property which you mention is the "Mosie" deposit in the St. Lawrence? In regard to the possibility of finding parties in New York who would be willing to take hold of the properties in question and work them on joint account, Mr. Edison fears that the excessive freight charges would tend to prevent people from becoming interested in such an enterprise.

Yours very truly,

Private Secretary.

Dec. 1, 1891.

A. Q. Tate, Esq.

Please note Mr. Edison's remarks on the attached correspondence, re German patent No. 44,591, addressed to Mr. Insull. Do you wish me to write to this effect to Mr. Insull? I directed Mr. Edison's attention to that part of your letter of 17th ult. addressed to Major Eaton, where you speak of forwarding the drawings and at the same time explaining to Mr. Edison that he is in error in supposing that he is being taxed for foreign patents, and he said that he would like very much to have you do so. He has a strong conviction that he is being taxed.

[illegible]

B.

Dec. 3rd, 1891.

Dr. W. H. Metcalfe,

Ocala, FLORIDA.

Dear Sir:-

Reply toy our letter of 12th ultimo in regard to The Florida Phosphate Industry, has been delayed owing to the absence of Mr. Edison.

Mr. Edison has now instructed me to inform you that he expects to spend a part of next winter in Florida at Fort Myers. He would then be very pleased to inspect some of the Florida Phosphate Mines.

Mr. Edison notes your suggestion that he should devise a process for extracting the alumina which is present in much of your high grade rock. He will bear this in mind, but says that he fears it is going to be a hard nut to crack. Thanking you for your communication, I am

Yours very truly,

Private Secretary.

December 2nd, 1891.

P. W. Simpson, Esq.,

c/o Mayfield Woolen Mills,

M a y f i e l d , N Y.

Dear Sir:-

Your letter of 25th ultimo in regard to Mr. Edison's Kinetograph is received. In reply I beg to inform you that the invention named is not yet ready to be placed before the public, many of the details of the apparatus being still incomplete. Mr. Edison hopes to have it ready for exhibition at the Chicago World's Fair in 1893.

Yours very truly,

Private Secre

December 5, 1891.

Charles Condert, Esq., Treasurer,

No. 322 West 34th Street,

New York City.

Dear Sir:-

I return herewith the five tickets for the entertainment in aid of the French Hospital to be given at the Casino on Sunday evening, December 13th, which I received by mail a few days ago. Please send to me instead of these which I now return two tickets for seats in the orchestra, and very much oblige,

Yours truly,

Thomas A. Edison.

December 7th, 1891.

MEMORANDUM FOR MR. BATCHELOR.

Sent Friday 12 iron bars; Saturday 13 bars. This makes 25 in all. Sent 11 bars this morning.

Received 12 bars this morning. Second car will be in to-day at one o'clock.

Turning off six in lathe; will be done to-night.

The Flexible drill is all in pieces and we must make some new pieces; will finish it soon as possible.

Do you want all the rest of the bars turned off, or plained to conform to circle, on the planer?

Is there much more work coming down? If so I will appoint some one else to look after it as I have a good many drawings to do and I can not give them attention if my presence is required in the lower machine shop; but if there is not going to be much more I will attend to it myself.

JOHN OTT.

Perh.

Dec. 7, 1891.

Charles Coudert, Esq., Treasurer,
French Benevolent Society,
#320 W. 34th St., New York.

Dear Sir:-

I return herewith five tickets for the entertainment to be given at the Casino on Sunday evening next, Dec. 13th, in aid of the French Benevolent Society, which were sent to Mr. Edison. These were evidently sent in error, as Mr. Edison has already rec'd. five tickets for the entertainment.

Yours truly,

Private Secretary.

December 7, 1891.

John Kruesi, Esq., Manager,

The Edison General Electric Company,

Schenectady, N. Y.

Dear Sir:-

With reference to your letter of 5th instant, we hope to ship to you about the middle of this week 50 lbs. of the non-inflammable compound, which we are now making up in accordance with the letter of your Assistant Manager dated Nov. 19th. We understand from your letter now under reply that you also wish us to have made up and sent to you 50 pounds of the white compound. This we will proceed to do at once and ship the material to you as early as possible. It will take a week or ten days to prepare it.

Yours very truly,

THE EDISON LABORATORY.

by W. Ford Mallinckrodt

December 8th, 1801.

Charles Batchelor, Esq.,

N. J. & Pa. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

After hunting all day for the parts of flexible shaft, I found some having been used to drill and grind the rail joints; also one part in the Ore Milling Department used by Mr. Dickson, but they do not know what has become of frame. You can have one of your men forge one, or I can send to Philadelphia, Pa. for one. This will go to-morrow by express.

Yours truly,

JOHN F. OTT.

Per B.

B.

December 8th, 1891.

Mrs. L. M. Spencer,

Rock Nest -on- Hudson,

Highland, Ulster Co., N. Y.

Dear Madame:-

I beg to advise you that, in accordance with instructions received from Mr. Edison, I am to-day returning to you by express, prepaid, the photograph of your painting "Truth Unveiling Falsehood" which you kindly sent for Mr. Edison's inspection; I also return herewith the key to the picture which accompanied your letter of 22nd ultimo.

Mr. Edison is not desirous of making any additions to his collection of pictures at present, having done so a short time ago. He regrets therefore that he is obliged to decline the offer which you make concerning your painting referred to above.

Yours very truly,

Private Secretary.

December 8th, 1891.

Porter G. Choate, Esq.,
#48 Wall Street,
New York City.

Dear Sir:-

Your letter of 27th ultimo, in regard to Mr. Chas. W. Platt, has remained unanswered owing to the absence of Mr. Edison.

In reply Mr. Edison has now instructed me to inform you that in his opinion Mr. Platt is as good as any of the chemists now floating around. He was employed in this Laboratory only a few months. Good chemists are scarce. Mr. Edison has had more than fifty in his employ during the last twelve years, and says that he wouldn't give much for any of them. He says further that a good chemist is worth $6000. per year.

Yours very truly,

Private Secretary.

December 8, 1891.

A. O. Tate, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

In regard to the packing of musical records, we have now obtained a supply of the wooden cylindrical boxes, cotton batting etc., and our method of packing will be changed gradually. We have still on hand nearly a thousand of the paste-board boxes and we will use up these before changing over completely to the new method.

The following is an extract from a letter under date Nov. 25th of the Montana Phonograph Co., referring to the new method of packing:

> "We think this a much better way to pack them, as it saves a great deal in weight, as well as doing away with the liability of having them (cylinders) broken and scratched."

Yours truly,

Thomas A. Edison

December 8, 1891.

Rob't. M. Sillard, Esq.,

No. 5 Berkley Street,

Dublin, Ireland.

Dear Sir:-

Replying to your letter of 24th ultimo, I beg to inform you that Mr. Edison's favorite authors are Victor Hugo and Longfellow. Of the works of the former, "Les Miserables" is Mr. Edison's favorite, and of the latter, "Evangeline."

Yours truly,

Private Secretary.

Dec. 9, 1891.

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sirs:-

With reference to your letter of 7th instant, Mr. Ott made a careful search in Room No. 1 for the drawings for a heavy brickstay and furnace front used at Phonograph Works, but was unable to find them. He therefore went down to the Phonograph Works and took measurements of their brickstay and furnace front, and I enclose herewith his rough sketches of the same, which will probably answer your purpose. The patterns referred to will be gotten together and made ready for shipment, in case you should wish them sent forward.

Yours truly,

THE EDISON LABORATORY

By Thos. A. Edison

Dec. 9, 1891.

To the

Manager,

PRINCETON GLEE CLUB.

Dear Sir:-

In view of the entertainment which the Princeton Glee Club is to give in Orange on Friday evening next, it occurred to the writer that perhaps the members thereof would like to take advantage of their presence here on the date mentioned to visit Mr. Edison's Laboratory in West Orange, where, if entirely agreeable, they could record upon the phonograph some of their vocal selections.

Should the members feel like accepting this invitation, we will be very pleased to extend to them the courtesies of the establishment and show them everything of interest therein. Kindly send an answer through Mr. Hoyt, the gentleman who will deliver this note to you, so that should your reply be in the affirmative, we may arrange for your reception.

Yours very truly,

THE EDISON LABORATORY

By Edwin Mylne

December 10, 1891.

Prof. J. Lay Watson,
No. 255 West 23rd Street,
New York City.

Dear Sir:-

With reference to your letter of 7th instant, Mr. Edison is not connected with any of the Phonograph companies, and cannot therefore assist you in obtaining a phonograph from the New York Company for the purpose of recording thereon the tones of Mr. Bull's violin. The Phonograph in this country is controlled by the North American Phonograph Co., 14 & 16 Morris St., Jersey City, N. J., and it might be possible to obtain an instrument from them for the purpose mentioned.

If you particularly desire it, however, we could arrange to send an expert with a phonograph to the musical reception which you say Mr. Bull will probably have during the present month, and the desired records could then be secured although we would much prefer to have yourself and Mr. Bull visit the Laboratory, as we have every facility for taking records in our music room here, and the results would be much better than if they were taken elsewhere. If you wish I will have one of our experts call and see you in regard to the matter.

Yours truly,

Private Secretary.

Dec. 11, 1891.

J. E. Walker, Esq., Sec'y.,

Asheboro Lumber & Mfg. Co.,

Asheboro, N. C.

Dear Sir:-

Mr. Edison has read your letter of 28th ultimo, directing his attention to a mineral property which you control. In reply I beg to inform you that Mr. Edison spent a few weeks in North Carolina about two years ago, examining ore deposits, but he was frightened away from the State by the exorbitant prices which were asked for properties. It is his intention to visit your region again some time in the future, but it will not be for a year at least. He cannot therefore consider at the present time the proposition which you make concerning the property referred to in your letter.

Thanking you for your communication

I am, yours truly,

Private Secretary.

Dec. 11, 1891.

Thomas A. Edison, Esq.,

N. J. & Penn'a, Condensating Works,

Ogdensburgh, N. J.

Dear Sir:-

I beg to submit to you the enclosed brief statement of some of the inventions brought out by you during the present year. Will this be suitable to send to Mr. Rob't. Grimshaw, whose letter I attach hereto? Please return the statement to the Laboratory with your remarks, and very much oblige.

Yours respectfully,

Thomas Mahin

INFORMATION FOR ROBERT GRIMSHAW CONCERNING HIS INVENTIONS
WORK DURING 1891, FOR INCORPORATION IN A VOLUME OF
SCIENTIFIC PROGRESS TO BE PUBLISHED BY THE GAZETTE CO.

KINETOGRAPH — An instrument intended to reproduce sound and motion simultaneously, being a combination of a specially constructed camera and phonograph. The Kinetograph will do for the eye that the phonograph does for the ear.

Or this — The Kinetograph is an instrument which registers photographically different phases of motion and reproduces the same in order to give an illusive effect of true motion; combined with the phonograph this instrument gives the duplex sensation of vision and sound.

ELECTRIC RAILWAY — New system for electric railways which will do away with the trolley wire. Especially adapted for large cities where overhead wires are prohibited.

200 VOLT LAMP which effects a great saving in copper.

SLOW SPEED AND LIGHT WEIGHT FAN MOTORS, at small cost.

ELECTRIC METER — for registering consumption of current with accuracy.

IMPROVED [illegible] SYSTEM OF ELECTRIC LIGHTING.

[illegible] REDUCTION ELECTRIC MOTOR FOR RAILROADS: applicable to either the trolley or [illegible] system

METHOD OF TRANSMITTING HIGH TENSION CURRENTS AND TRANSFORMING THE SAME TO LOW TENSION AT A DISTANT POINT.

Dec. 11, 1891.

Major E. D. Kenny,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 7th instant, in regard to the 42 assignments to the Edison United Phonograph Co. of Colonial patents executed by him at the Laboratory last week. He notes that the documents which he executed reserve to him the right to use the patents referred to in connection with dolls etc., and that it will therefore be unnecessary to take back a license from the E. U. P. Co. When he spoke to Mr. Meadowcroft he was not aware that the documents contained the reservation mentioned in the letter.

Yours truly,

Thomas A. Edison.

Dec. 11, 1891.

C. F. White, Esq., Editor,

Daily Herald,

Dunkirk, N. Y.

Dear Sir:-

Reply to your letter of 30th ultimo has been delayed owing to the necessity of my having to forward it to Mr. Edison, who is at present absent from home.

In answer to your question as to whether Mr. Edison regards iron poles, used for supporting the wires of an electric railroad (trolley system) a greater menace to life than wooden ones used for the same purpose, Mr. Edison has instructed me to say to you that in his opinion there is very little danger in either case, provided the railroad company employs the usual five hundred volt continuous current. Iron poles in sleet storms would certainly be safer than wooden ones, and where the traffic will warrant it, iron poles should always be installed, as they are the cheapest in the long run. But on a railroad where the traffic is light, and where the strictest economy has to be observed in order to make both ends meet, it is sometimes a hardship to compel the Company to place iron poles along their tracks when a considerable

saving could be effected by erecting wooden poles.

Yours truly,

Private Secretary.

Dec. 12, 1891.

J. E. Simpson, Jr., Esq.,
No. 35 Broadway, New York.

Dear Sir:-

Your letter of 27th ultimo, in regard to a perfect covering for the bottoms of steel and iron vessels, has been read by Mr. Edison. In reply he has instructed me to inform you that he has already given considerable thought to this subject and has been trying to devise a method for preventing the steel plates used on war ships from rusting; he has tried a number of experiments in this connection, but as yet his efforts have not been successful.

Regarding a perfect covering and protection for piling and timber used for piers and other similar construction, to which subject you also refer in your letter, Mr. Edison has never given this matter consideration, and at the present time he has so many irons in the fire it would be impracticable for him to do so. He appreciates the importance of the subject, however, and says that somebody should take it up. Thanking you for your letter

I am, Yours truly,

Francis Robertson.

Dec. 10, 1891.

H. Park Bowden, Esq.,

No. 25 Westbury Park,

Bristol, England.

Dear Sir:-

I am returning to you by this mail, under separate cover, the MS of your story "A Phonograph's Disclosure," which you sent for my perusal and which I read with pleasure.

The part which the phonograph is made to perform in the story is certainly within the instrument's capabilities, and in no instance is the machine represented as accomplishing anything beyond its powers.

Congratulating you upon your ability to write so interesting a narrative and trusting that it will meet with the success which it deserves

I am, yours very truly,

December 14, 1891.

John Kreusi, Esq., Gen'l. Manager,
Schenectady Works, Edison Gen'l. Electric Co.,
Schenectady, N. Y.

Dear Sir:-

We sent to you on Saturday last, by express, 50 lbs. of non-inflammable compound for trial; we also sent to you a tin can containing 5 lbs. of compound #1, to be used as a softener for the other compound should it be too hard.

You will observe that the non-inflammable compound has a crystalline structure; this is owing to slow and undisturbed cooling and does not take place when the compound is applied to the wire. We will send to you by mail to-day a sample of this same compound applied to wire. It seems to us to be none too hard considering the value of high abrasion resistance. This is the first time we have attempted to make this compound in larger quantity than one or two pounds, and with the proper plant which has been determined upon from this experiment, it can be improved upon considerably.

We regret to say that the price of the compound will be higher than what our Mr. Aylsworth first estimated. The estimate referred to was based upon data obtained by working one or two pounds of the material and was subsequently proved to be erroneous.

the price will be in the neighborhood of 25 cents per lb. A reduction in the cost can be effected by making up the stuff in large quantities. By mixing infusorial earth with the compound its cost can be reduced to 14 cents per lb., without impairing its quality. We will express to you 25 lbs. of infusorial earth, so that you may experiment with it if you so desire. This is as cheap a moisture-proof and non-inflammable compound as it is possible to make by chemical treatment of organic compounds.

Attached hereto will be found directions for applying the compound.

Yours truly,

THE EDISON LABORATORY

Geo. S. Hopkins

DIRECTIONS FOR APPLYING NON-INFLAMMABLE COMPOUND.

Melt the material in an iron or copper kettle (preferably copper), and allow the wire to pass through the molten mass, kept at 230° - 240° F., at such speed as will ensure the saturation of the cotton with compound. This can be done in the same manner as your black compound for grade #1 wire. The excess is wiped off in the usual manner and the wire is burnished in the usual way.

If it is desired to make the material softer, add the compound No. 1 from tin can, to the 50 lbs. of principal compound and raise the heat to 300° F. for a short time and lower the temperature again to 230° - 240° F., skimming off any foam that may be produced.

If it is desired to mix the infusorial earth with compound, it shoud be done in this way: to 25 lbs. of the previously softened compound add 25 lbs. of infusorial earth and stir well, raising heat to 300° F.; then allow to cool to 230° - 240° F., and apply to wire in usual way, keeping the mixture well stirred.

Dec. 15, 1891.

Chas. Batchelor, Esq.,

N. J. & Penn'a. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

Mr. Ott requested me to inform you that he sent 12 bars to Ogden to-day; also that he has found the frame for double pulley belonging to flexible drill. He says that there are now but 12 bars to finish, when the screen job will be disposed of.

Yours truly

Thos. Edison

Dec. 15, 1894.

Messrs. Sgobel & Day,

No. 24 State Street,

New York City.

Dear Sirs:-

Mr. Edison has read your letter of 8th instant, informing him of the receipt by you of letters from several of your friends in Almeria, Spain, stating that the phylloxera promised to do great damage to the vinbyards there, and also informing Mr. Edison of the desire of your friends to obtain his opinion as to whether the application of electricity to the roots of the vines would be efficacious in stopping the trouble complained of.

In reply Mr. Edison has instructed me to say to you that there is no doubt if a sufficiently strong alternating electric current were sent through iron rods, three feet apart and about two feet below the surface, it would in a short time either kill the insects or drive them away. Mr. Edison is not sure, however, but that the electricity applied in the manner described would also kill the plant, and before experimenting on a large scale a trial should be made on one plant and the effect noted.

This reply to your letter has been unavoidably delayed owing

to the absence of Mr. Edison from the Laboratory.

Yours truly,

Private Secretary.

Dec. 16, 1891.

Lewis Miller, Esq.,

A k r o n , Ohio.

Dear Sir:-

With reference to your letter of 12th instant, in regard to the transmission of power, Mr. Edison says that there are two ways of transmitting electric power, one by the alternating current, the other by the continuous current. If Mr. Edison knew exactly what information your friend is desirous of obtaining on the subject, he could perhaps point out some publication that would explain the matter.

Yours truly,

Private Secretary.

S.

December 16th, 1881.

A. W. Conger, Esq.,

[illegible] Euclid Ave., Akron, OHIO.

Dear Sir:-

Mr. Edison has read your letter of the [illegible] which you addressed to him at Ogden, and has instructed me to say to you in reply, that inasmuch as it will be some years yet before the electric system of propulsion is adopted generally by railroad corporations - they are so conservative - those who are desirous of learning the business and qualifying themselves for employment on electric railroads in a capacity such as you refer to, will have plenty of time in which to acquire the necessary knowledge.

Yours very truly,

Private Secretary.

L. H. Decker, Esq.,
THE INDEPENDENT,
Deckertown, N. J.

Dec. 16, 1891.

Dear Sir:-

I take pleasure in forwarding to you by this mail, under another cover, an autographed portrait of Mr. Edison. This is in compliance with the request contained in your letter of Dec. 8th.

Yours truly,

Private Sec'y.

Telegram.

Geo. W. Childs,
Walnut & 22nd Sts.,
Philadelphia, Pa.

Orange, N. J. Dec. 15, 1891.

I will be present at the dedication of the Drexel Institute on Thursday next, and I am much obliged for the invitation.

Thomas A. Edison.

F. S. Gorton, Telegram. Orange, N. J. Dec. 19, 1891.
The Chicago Edison Co.,
#139 Adams St., Chicago, Ills.

You do not send the data we want. Please have your real estate broker get prices and sizes and position of real estate in the area we gave you and send it on. We don't want any railroad facilities. If you will only give us the plain data and let us judge here it will facilitate things very much. Data sent is no earthly value to me.

E d i s o n.

F. S. Gorton, Telegram. Orange, N. J. Dec. 19, 1891.
The Chicago Edison Co.,
#139 Adams St., Chicago, Ills.

You do not send the data we want. Please have your real estate broker get prices and sizes and position of real estate in the area we gave you and send it on. We don't want any railroad facilities. If you will only give us the plain data and let us judge here it will facilitate things very much. Data sent is no earthly value to me.

E d i s o n.

December 17, 1891.

A. O. Tate, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I understand that Dr. Schulze-Berge is not to return to the Laboratory. In view of this I think that some arrangement should be made regarding the care of the Library, of which the Doctor had charge. As you know, there are a good many little things to be attended to in the Library, and matters there just now are in a state of confusion. It is necessary to keep a record of all the books and periodicals received, to see that the files of the latter are complete, and that subscriptions to the various foreign scientific journals are not permitted to expire. It is also necessary to arrange for the binding of periodicals etc., and to keep track of such volumes as are taken from the shelves by the employees of the Laboratory. During Dr. Schulze-Berge's absence Mike Brown has been trying to attend to these matters, but there is so much work for Mike [redacted] in the office that it will be impracticable for him to obtain time to do so. Furthermore, the newspaper clippings have not received any attention for several years past, and there is a tremendous

accumulation of them. The present state of these clippings is chaotic in the extreme, and the individual who undertakes their arrangement will have a herculean task to perform. In my opinion it would be a good idea to make it the duty of whoever assumes charge of the Library to also take care of the clippings.

I shall be glad to hear from you in the matter.

Yours truly,

E. Thomas Malone

Dec. 17, 1891.

Mr. Wm. Sullivan,

Drawer 10, Wilmington, Del.

Dear Sir:-

With reference to your letter of 23rd of October, reply to which has been delayed owing to the prolonged absence of Mr. Edison, the latter has requested me to inform you that he never worked in East Newark as a telegraph operator.

Yours truly,

Private Secretary.

December 17, 1881.

Messrs. Dyer & Seely,

No. 36 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison is much obliged for your letter of 12th instant, enclosing copy of the patent which has just been issued to him on tension reducers arranged in multiple arc. He notes your remarks in this regard and says that he will make a working model of the device.

Yours truly,

Private Secretary.

December 19, 1881.

Eadweard Muybridge, Esq.,

University of Pennsylvania,

Philadelphia, Penn'a.

My dear Sir:-

I beg to acknowledge the receipt of your esteemed favor of 16th instant, with accompanying pamphlet. I am pleased to learn that your work on The Science of Animal Locomotion was so well received in Europe and that the importance of the results of your experiments in this field of investigation was appreciated there.

I note what you say relative to undertaking an investigation of the flight of insects, and I am glad to know that you contemplate giving this subject attention; for in my opinion a comprehensive investigation of the movements of the wings of insects would be a great aid in solving the problem of aerial navigation. The information likely to be acquired by such a line of research would also be of the utmost practical value in many other ways. Permit me to say in conclusion that no one could be more competent than yourself to undertake such an investigation and I hope that you will find it possible to do so.

Yours very truly, Thomas A. Edison

December 19, 1891.

John Kruesi, Esq., Gen'l. Manager,

Schenectady Works, Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

We will express to you to-day fifty lbs. of white compound for trial; included in the same package will be a sample of the same compound applied to wire by hand. This compound is made a little more flexible than the large #1 sample of wire and not quite so soft as sample #2. It is intended to be applied to the wire in a molten state, in about the same manner as your grade #1 wire is made. This compound can be made for 9 cents per pound. It requires no drying or seasoning and is ready for packing as soon as the wire becomes cold. Directions as to heat etc. will be found on the attached sheet. Hoping that this compound will prove satisfactory

We are, yours truly,

THE EDISON LABORATORY

by Thos. Mahirne

DIRECTIONS FOR WORKING WHITE COMPOUND.

The white compound should be melted in a tinned copper kettle, or in an agate glazed iron kettle, as it is apt to be discolored by an ordinary iron kettle.

The heat should not be raised any higher than is just sufficient to melt the compound, which should be constantly stirred while on the fire. This can be conveniently done in a steam-jacketed kettle in practice.

When the mass has become fluid enough to run, it is ready for passing the wire through. The wire is passed through in the same manner as grade #1, and when cold, burnished in the usual way.

Dec. 21, 1891.

George Parsons Lathrop, Esq.,

No. 43 Federal Street,

New London, Conn.

Dear Sir:-

Mr. Edison has received your favor of 15th instant, enclosing letter from your friend, Mr. Augustus St. Gaudens, together with a communication from Mr. Pierre Granet, of Paris, France, each of which he has perused.

In regard to Mr. Granet's suggestion relative to a display at the Chicago World's Fair of wax figures, to be represented as moving and speaking by the aid of suitable mechanism in combination with the phonograph, Mr. Edison does not consider the idea practicable. The adaptation of the phonograph to this purpose would be comparatively easy, but a method for the movement of the lips, eyes etc. of the figures would have to be devised, and it would be impossible for Mr. Edison to devote any time to the solution of that problem, there are so many other matters connected with his own exhibit at the World's Fair requiring his attention. Besides, it would be a very tedious line of experimentation, and Mr. Edison does not feel like undertaking it.

Yours truly,

Edison Phonograph Co.

Pvt. Sec'y.

Please return the correspondence herewith.

Dec. 31, 1891.

Mr. [illegible], President,

Indian Museum's Association,

[illegible] East 33rd St., New York.

Dear Sir:-

Pursuant to Mr. Edbrooke's instructions I am returning to you, under cover, the one hundred tickets for the Annual Ball of your Association which were received in to-day's mails and which are referred to in your letter dated 14th inst. Mr. Edbrooke objects to this method of collecting funds being worked on him; he says that if you will adopt the proper method he will be only too happy to purchase some of the tickets.

Yours truly,

Private Secretary.

December 21st, 1891.

Chas. Batchelor, Esq.,

N. J. & Pa. Concentrating Works,

Ogdensburgh, N. J.

Dear Sir:-

I shipped to you to-day 12 bars. This is the last set. I will send to you 4 extra bars on 23rd, also the spiders. This finishes the Ogden job, provided there is nothing else requiring attention here.

Yours very truly,

J. F. OTT.

Per B.

Dec. 21, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Co.,

Harrison, N. J.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed copy of a letter addressed to the Edison Gen'l. Electric Co., Chicago, by the Treasurer of the Attica Electric Light Co., of Attica, Indiana, in regard to one of our lamps that was started on the 19th of March, 1887, and which had made a record of 11,030 hours up to the 1st of December this year.

Yours truly,

Private Secretary.

December 23, 1891.

Robert Grimshaw, Esq.,

No. 21 Park Row, New York City.

Dear Sir:-

Your letter of 25th ultimo, with relation to data concerning Mr. Edison's work during the present year for incorporation in an annual Record of Scientific Progress which you are preparing, has remained unanswered owing to the absence of Mr. Edison, who returned to the Laboratory only a few days ago.

In compliance with your request I take pleasure in enclosing herewith a brief statement of some of the inventions brought out by Mr. Edison this year, and I trust that the same will answer your purpose

Very truly yours,

Private Secretary.

LIST OF SOME OF THE INVENTIONS BROUGHT OUT BY
MR. EDISON DURING THE YEAR 1891.

KINETOGRAPH — An instrument intended to reproduce sound and motion simultaneously, being a combination of a specially constructed camera and phonograph. The Kinetograph will do for the eye what the phonograph does for the ear.

ELECTRIC RAILWAY — New system for electric railways which will do away with the trolley wire. Especially adapted for large cities where overhead wires are prohibited.

HIGH SPEED ELECTRIC SYSTEM for steam railroads.

HIGH VOLT LAMP, which effects a saving of fifty per cent in copper.

New series of ELECTRIC LIGHT METERS, for registering consumption of current with accuracy.

IMPROVED ALTERNATING SYSTEM OF ELECTRIC LIGHTING.

Method of and apparatus for TRANSMITTING HIGH TENSION CURRENTS and transforming the same to low tension at a distant point.

A NEW PHONOGRAPH.

A method of duplicating by machinery phonograph records.

Mr. Edison also established this year at Ogden, N. J. large Ore Milling Works for the concentration of low grade iron ore.

---ooOoo---

Dec. 24, 1891.

Mr. R. L. Garner,

Washington, D. C.

Dear Sir:-

Mr. Edison has read your letter of 21st instant, in regard to a special phonograph which you wish made for recording the sounds of the monkey, and in reply he has instructed me to say that he will be very pleased to have you come out to the Laboratory when you next visit New York. He will place at your disposal for a day, an expert, who can learn from you just what you desire in the way of a phonograph, and who will assist you in any experiments which you may desire to make in order to determine the type of instrument that would be most suitable for your purpose.

Yours truly,

Private Secretary.

Dec. 29, 1891.

F. S. Gorton, Esq.,

The Chicago Edison Company,

Chicago, Ills.

Dear Sir:-

Your letter of 28th instant is at hand. There is no mistake about the Charles and Harrison St. property, but of course it is predicated upon the possibility of making a 200 volt lamp; without this the property is no good.

Yours very truly,

Thomas A. Edison

H.

Dec. 29, 1891.

S. D. Greene, Esq., Gen'l. Manager,

Sales Dep't., Edison Gen'l. Electric Co.,

Edison Building, Broad St., New York.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed letter received from Richard H. Clarke, Esq., #49 & 51 Chambers St., New York City, with relation to lighting the New York Protectory, located at Westchester, of which institution Mr. Clarke is President.

Mr. Edison would like you to call and see Mr. Clarke and arrange with him to have one of the General Company's experts visit the New York Protectory at Westchester, go over the ground and see what is to be done in the way of lighting the institution. You would then be in a position to talk business with Mr. Clarke.

Mr. Edison has informed Mr. Clarke of the disposition which is being made of his letter, and would have a representative of the General Company come call and see him with relation to the subject matter of the same.

Yours truly,

Private Secy.

Dec. 29, 1891.

Charles Batchelor, Esq.,
N. J. & Penn'a. Concentrating Works,
Ogdensburgh, N. J.

Dear Sir:-

Mr. Edison requested me to refer to you, for answer, the enclosed letter received from Messrs. Warner and Frayer, of New York, requesting information in regard to the Edison ore milling process, for use in connection with certain proceedings that are now pending in New York before Commissioners for the condemnation of mineral rights in certain lands in Putnam County on behalf of the Croton Water Board, for the purpose of water supply. Messrs. W&F. desire to obtain the information concerning Mr. Edison's process of reducing iron ores with the view of introducing the facts in evidence as bearing upon the value of the mineral rights which they represent before the Commissioners. They would like a reply before January 8th.

Yours truly,

Private Sec'y.

December 28, 1891.

John Kreusi, Esq., Gen'l. Manager,
Schenectady Works, Edison Gen'l. Electric Company,
S c h e n e c t a d y , N. Y.

Dear Sir:-

We have discovered a way to make vulcanized rubber non-inflammable, which Mr. Edison wishes thoroughly tested with a view to its use in telephone exchanges etc. This is accomplished by soaking the rubber coated wire previously vulcanized in a molten non-inflammable material; the rubber absorbs a large percentage of this material, increasing in bulk and becoming non-inflammable at the same time.

In order to test the result we require 200 feet each of the following thicknesses of rubber on #13 B & S copper wire:

#1 Sufficient thickness of rubber to bring size of #13 wire up to 118/1000" diam.

#2 Sufficient thickness of rubber to bring size of #13 wire up to 123/1000" diam.

#3 Sufficient thickness of rubber to bring size of #13 wire up to 153/1000" diam.

#4 Sufficient thickness of rubber to bring size of #13 wire up to 158/1000" diam.

We will forward to you by express the rubber for these samples.

The rubber which you use in making rubber covered cables would not answer for this purpose, as it contains mineral matter which would injure the result.

Yours truly,

THE EDISON LABORATORY

by Thos. A. Edison

Dec. 29, 1897.

A. H. D'Frona, Esq., Director General,
Actors' Fund Fair,
New York City.

Dear Sir:-

Mr. Edison has received a communication from the Actors' Fund Fair Committee, under date December 25th, asking permission to add the name of Mrs. Edison and himself to the list of patronesses and patrons of the Fair which the Trustees of the Actors' Fund propose holding at Madison Square Garden in the month of May next, and with reference thereto he has instructed me to inform you that Mrs. Edison objects to her name being used in this connection, and that the request of the Committee cannot therefore be complied with.

Yours truly,

Private Secretary.

December 30, 1891.

My dear Mr. Fortune,-

Your letters of 16th instant reached me on Christmas day. I had been away for ten days previous and arrived home on Christmas Eve.

I am very sorry to say that there are no talking dolls available that I could send you. The first dolls which were turned out were very unsatisfactory. They were easily deranged and made a very bad impression. Mr. Edison took the matter in hand and made a new model, which is as perfect as could be wished, but there were only half a dozen of these manufactured and they have long since disappeared from sight. The Toy Company ran out of money and were unable to meet their obligations, and we were obliged to cease manufacture, but I hope that before very long their affairs will be satisfactorily arranged and that dolls made from the new model will soon be available. When that time comes it will give me great pleasure to assist you in rewarding your little girl for the progress she is making in her studies.

I am sending to you under separate cover a photograph of Mr. Edison, with his autograph.

We have a negative of the GRAND TRUNK HERALD, which was

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printed and published by Mr. Edison away back in the sixties, and I have given instructions for a copy to be sent you. We had only one copy of this paper and it was presented to Mrs. Edison. I am therefore unable to obtain an original, but the photograph is a very faithful reproduction, with which I think you will be pleased.

I wish you and yours all happiness for the coming year.

Yours very truly,

Allan Ede
Jr.

J. W. Fortune, Esq.,
Detroit, Michigan.

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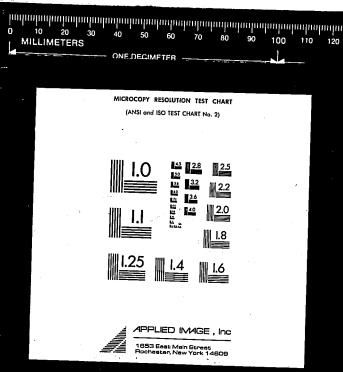

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